NCVET Code

2022/ITES/NIELIT/06337

CONTACT DETAILS OF THE BODY SUBMITTING THE QUALIFICATION FILE

Name and address of submitting body:

NATIONAL INSTITUTE OF ELECTRONICS AND INFORMATION TECHNOLOGY NIELIT Bhawan, Plot No. 3, PSP Pocket, Sector-8, Dwarka, New Delhi-110077

Name and contact details of individual dealing with the submission

1) Name : Ms. Kanchan Rani

Position in the organisation: Joint Director (Systems)

Address if different from above: same as above

Tel number(s) : 011-23644849, 23644149 E-mail address : kanchan.rani@nielit.gov.in

2) Name : Mr. Ankur Pruthi

Position in the organisation : Senior Technical Officer

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List of documents submitted in support of the Qualifications File

Annexure I : Model Curriculum
 Annexure II : Evidence of need

SUMMARY

1	Qualification Title	Certified Data Entry and Office Assistant (Upskilling)
2	Qualification Code, if any	-
3	NCO code and occupation	4132.0401
4	Nature and purpose of the qualification (Please specify whether qualification is short term or long term)	 Nature: ◆ Certificate Course which will help in employment. Purpose: ◆ To get unemployed youth in work. ◆ To upgrade the skills of people.
5	Body/bodies which will award the qualification	National Institute of Electronics and Information Technology, NIELIT Bhawan, Plot No 3, PSP Pocket, Sector-8, Dwarka, New Delhi 110077
6	Body which will accredit providers to offer courses leading to the qualification	NIELIT
7	Whether accreditation/affiliation norms are already in place or not, if applicable (if yes, attach a copy)	Yes. Available at the link: https://www.nielit.gov.in
8	Occupation(s) to which the qualification gives access	Data Entry Operator, Technical Assistant, Computer Operator
9	Job description of the occupation	A person who completed Certified Data Entry and Office Assistant (Upskilling) can apply for Data Entry for Software Execution roles and also perform Noting & Drafting Assistance, EDP Assistance
10	Licensing requirements	NA
11	Statutory and Regulatory requirement of the relevant sector (documentary evidence to be provided)	NA
12	Level of the qualification in the NSQF	Level 3

13	Anticipated volui training/learning		Total: 210 Theory: 60			
	complete the qua		Practical: 90 OJT: 30			
14	Indicative liet of t	roining to alo	ES: 30	Mootor Lib	ro Office CI	II boood
14		Indicative list of training tools required to deliver this qualification			re Office, GU	n based
15	Entry requirement recommendation age	10 th Pass Or 8th Class Pass and pursuing continuous regular schooling Or 8th Class Pass + 2 Years ITI in relevant field Or 8th Class Pass + 1 Year of Experience in relevant field Or NSQF Level 2 with 1 Year of Experience in relevant field				
16	Progression from (Please show Progre academic progre		Data I Assistar Assistar	nt->Office	rator-> Admir Assistant-> E	xecutive
17	Arrangements fo Recognition of P	r the rior learning (RPL)		ndidates wh ly be assess	o will undergo ed.	training
18	International con	parability where	N/A			
19	Date Planned to qualification	Date Planned to review the		25/08/2025		
20	Formal structure	of the qualification				
	Mandatory Compo	onents		Γ		T
S no				Duration (Theory) in Hours	Duration (Practical) in Hours	Level
1.	Introduction to Computer After completing this Candidate should			2	3	3
	<u> </u>					

		basic architecture of computer and the difference between hardware and software and should know about the basics of data representation and basic idea about programming knowledge.			
2.	Introduction to GUI Based Operating System	After completing this unit Candidate should know basics of operating systems and the User interface of operating system. Candidate should also know how to change the settings of operating system and should be able to do File and directory management.	2	3	3
3.	Elements of Word Processing	After completing this unit Candidate should be able to create and format documents.	10	10	3
4.	Spreadsheets	Candidate should know the basics of spreadsheets and should be able to do cell manipulation and should also know basics of Function and Charts.	10	10	3
5.	Introduction to Internet, WWW and web browsers	Candidate should know the basics of computer networks and how to use web browsers. Candidates should also know the internet access techniques and should be aware about the various services of internet.	10	10	3
6.	Communication and Collaboration	Candidate should know basics Emails and should know how to create and send Email and should know about the advance Email features.	3	2	3
7.	Application of presentations	Candidate should know how to create presentation and apply various settings on it.	10	10	3

8.	Application of Digital Financial Services	Candidate should be aware about various digital financial services	3	2	3
10.	Data Entry / Typing Test (in English)	Candidate should be able to meet the minimum typing speed Typing with criteria of a minimum typing speed 35 wpm on computer or 10500 key depressions per hour.	10	40	3
Sub	Total (A)		60	90	
11.	Project / OJT (B)	Learner will carry out a Project using the knowledge learned in this course. Or, Learner will experience a working environment where records and files maintenance, system status checking etc. are done.		30	3
12.	Employability Skill(C)	Learner will be able to know the various qualities required for employability.	30		3
Tota	I (A+B+C)		2	10	

Detailed curriculum attached at Annexure I

SECTION 1 ASSESSMENT

21	Body/Bodies which will carry out assessment:
	National Institute of Electronics and Information Technology NIELIT Bhawan, PSP Pocket, Plot No. 3, Sector 8, Dwarka, New Delhi - 110077
22	How will RPL assessment be managed and who will carry it out?
	The Candidates who will undergo training shall only be assessed.

Describe the overall assessment strategy and specific arrangements which have been put in place to ensure that assessment is always valid, reliable and fair and show that these are in line with the requirements of the NSQF.

The emphasis is on practical demonstration of skills & knowledge based on the performance criteria. Student is required to pass in all OUTCOMEs individually and marks are allotted.

Following assessment methodologies are used.

The Following assessment methodologies are used.

- A. Theory Assessment (MCQ Type Online Exam)
- B. Practical Assessment & Viva
- C. English Typing Test
- D. Internal Assessment
- E. Assignment

The assessment results are backed by following evidences.

- 1. The assessor collects a copy of the attendance for the training done. The attendance sheets are signed and stamped by the Examination Superintendent appointed by Regional Centre.
- 2. The assessor verifies the authenticity of the candidate by checking the photo ID card issued by the institute as well as any one Photo ID card issued by the Central/Government. The same is mentioned in the attendance sheet.

About Question Paper Pattern:

Examination will consist of Five sections

- Theory (Online MCQ Test) -Theory exam will be a 100 Marks consisting of Multiple Choice Questions conducted as a centralised Online Exam through Remote Proctor by NIELIT HQ
- 2. Practical Practical exam will be of 60 Marks
- 3. Typing test- Typing in English with criteria of a minimum typing speed 35 wpm on computer or 10500 key depressions per hour.
- 4. Internal Assessment- Internal Assessment will be of 20 Marks conducted by Centre Only.
- 5. Assignment-Assignment will be submitted by candidates containing 20 Marks.

ASSESSMENT EVIDENCE

Complete a grid for each component as listed in "Formal structure of the the qualification" in the Summary.

NOTE: this grid can be replaced by any part of the qualification documentation which shows the same information – ie Learning Outcomes to be assessed, assessment criteria and the means of assessment.

24. Assessment evidences Title of Component: Certified Data Entry and Office Assistant (Upskilling)

Outcomes to be assessed/NOSs to be assesed	Assessment criteria for the outcome
Introduction to Computer	Various parameters like familiarity with the computers, handling of computer.
·	Interfacing basic parts of computer
Introduction to GUI Based Operating System	Basics of Operating System Basics of popular operating system (LINUX, WINDOWS) The User Interface, Task Bar, Icons, Start Menu, Running an Application To Add Or Remove A Windows Component
Elements of Word Processing	Word Processing Basics, Menu Bar Using The Icons Save and Save as and Page Setup, Print Preview Text Creation and manipulation and Formatting the Text Table Manipulation
Spreadsheets	Elements of Electronic Spread Sheet, Addressing of Cells, Printing of Spread Sheet, Manipulation of Cells Creating Text, Number and Date Series
	Editing Worksheet Data Inserting and Deleting Rows, Column Using Function and Charts and Formulas
Introduction to Internet, WWW and web browsers	Anatomy of Internet, ARPANET and Internet history of the World Wide Web.
	Basic Internet terminology, Net etiquette.
Communication and Collaboration	Email drafting and forwarding
Application of presentations	Creating designing Presentations as per the requirement of Target Audience, Transition and Animation and various settings on it.
Application of Digital Financial Services	Why Savings are needed Drawbacks of keeping Cash at home Banking Products, Documents for Opening Accounts Banking Service Delivery Channels, Various Schemes, Bank on your mobile
	Importance of communication, Types of communication – Verbal/ Non-verbal, Barriers of Communication
Soft Skills	Interview dress code, controlling nerves, positive visualization, creating an impression, Selling yourself at the interview, Mock interview

	Importance of etiquette, Professional etiquette, Social etiquette Unit, Corporate Culture, Professional ethics, Mutual respect, Time management			
	Report writing, CV writing, Business letters general/professional purposes			
Data Entry / Typing Test (in English)	The minimum typing speed Typing with criteria of a minimum typing speed 35 wpm on computer or 10500 key depressions per hour			
Project / OJT	Preparation of a project report based the theoretical knowledge and practical skills acquired			
Introduction, Career Development & Goal setti Becoming a Professional in the 21 st century, Ba mployability Skill English skills, Communication Skills, Financial a Legal literacy, Entrepreneurship, Diversity & Inclus Constitutional value – Citizenship				

Means of Assessment

- A. Theory Assessment (MCQ Type - Online Exam)
- B. Practical Assessment & Viva
- C. English Typing TestD. Internal Assessment
- E. Assignment

SI No	Examination Pattern	Modules Covered	Duration in Minutes	Maximum Marks
1	Theory Paper: Data Entry and Office Automation	Module 1 to 9	90	100
2	Practical: Data Entry and Office Automation	Module 1 to 9	120	60
3	Internal Assessment	Module 1 to 12	-	20
4	Assignment	Module 1 to 12	-	20
5.	Typing	Module 10	10	Typing with criteria of a minimum typing speed 35 wpm on computer or 10500 key depressions per hour.

Total	200

Note:

- 1. Pass percentage would be 50% marks in each component, with an aggregate pass percentage of 50% and above.
- 2. Following Grading Scheme (on the basis of Total marks) will be followed:

Grade	S	Α	В	C	D
Marks	050/	>=75% and	>=65% and	>=55% and	>=50% and
Range (in %)	>=85%	<85%	<75%	<65%	<55%

- 1. Theory examination would be conducted online and the paper comprises MCQ and each question will carry 1 mark.
- 2. Practical examination/Internal Assessment/
 Project/Presentation/Assignment would be evaluated internally.
- 3. The OJT and Employability Skills will be assessed by concerned NIELIT Centre itself.
- 4. For OJT, a NIELIT Official will be assigned as supervisor.
- 5. Candidates may apply for re-examination within the validity of registration.
- 6. The examinations would be conducted in English Language only.

^{*}Assessment for the Qualification will be conducted as per the guidelines as applicable from time to time.

NSQF QUALIFICATION FILE

SECTION 2

EVIDENCE OF LEVEL

Title/ Name of C	Fitle/ Name of Qualification: Certified Data Entry and Office Assistant (Upskilling) Level: 03				
NSQF Domain	/ Component	How the outcomes relates to NSQF Level descriptors	NSQF Level		
Process	qualification, the candidate will be able to perform data entry for any software, noting, drafting and any documentation and processing the data, calculations and charts creations for any financial sheets, can make the presentations etc. He/she can also use internet services, send/receive emails and can do record keeping. He/She can do any DTP work	Person may carry out as data entry operator or Lab assistant or Junior assistant	3		
Professional Knowledge		it will help the students to get employment opportunity in computer	3		
Professional Skill		Candidate can develop their computer skills based on practical knowledge.	3		
Core Skill		Candidate will be learning effective communications which will make them smart in communicating with various companies and people.	3		
Responsibility		Candidate can perform well under supervision of team lead.	3		

SECTION 3 EVIDENCE OF NEED

26		is there that the qualification is needed? What is the ke of this qualification and what is the basis of this
	Need of the Qualification	This course has been designed to meet the growing demand for data entry operators in the market.
		A computer Data Entry operator are in high demand in all sectors of the market. They are used at shops to create a database for all the items with their serial numbers, price and quantity ratios. At schools, computer operators are required to sit behind the desk and manage the computer database for the school, list of all the students, their details, fee payment, enrolment details and all other activities of students are recorded in the computer.
		An efficient computer operator is needed to handle such large data. In offices, computer operator takes care of the back door operating and keeps employees' information in the computer.
	Estimated uptake	Estimated uptake is 30 students / Batch with 6 Batches / Year and on the basis of Facilities and Infrastructure in training centres

NSQF QUALIFICATION FILE

27	Recommendation from the concerned Line Ministry of the Government/Regulatory Body. To be supported by documentary evidences NA
28	What steps were taken to ensure that the qualification(s) does (do) not duplicate already existing or planned qualifications in the NSQF? Give justification for presenting a duplicate qualification
	The Qualification does not exist as per information available in the public domain
29	What arrangements are in place to monitor and review the qualification(s)? What data will be used and at what point will the qualification(s) be revised or updated? Specify the review process here
	The Qualification is to be monitored and reviewed every three years. The following criterions shall be used ❖ Results of assessments ❖ Employer feedback regarding student skill after conducting a placement drive ❖ Alumni survey

SECTION 4

EVIDENCE OF PROGRESSION

30	What steps have been taken in the design of this or other qualifications to ensure that there is a clear path to other qualifications in this sector? Show the career map here to reflect the clear progression
	This qualification comprises both technical and analytical skills and can be linked to any qualification higher than this one such as NIELIT O Level, existing or to come.

Annexure - 1

Section 1: Detailed Curriculum

Name of Unit of Qualification: Introduction to Computer

Duration: 05 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1:	1.1 What is Computer?	05
Candidate should know basic	, ,	
architecture of computer.	1.1.2 Characteristics of Computer System	
Outcome-2:	1.1.3 Basic Applications of Computer	
Candidate should know the	'	
difference between hardware and software.	1.2.1 Central Processing Unit	
Outcome-3:	1.2.2 Keyboard, mouse and VDU	
Candidate should know about	1.2.3 Other Input devices 1.2.4 Other Output devices	
the basics of data	•	
representation.	1.3 Concept of Hardware and Software	
Outcome-4:	1.3.1 Hardware	
Candidate should have basic	1.3.2 Software	
idea about programming	1.3.2.1 Application Software	
knowledge.	1.3.2.2 Systems software	
	1.3.3 Programming Languages	
	1.4 Representation of Data/Information	
	1.5 Concept of Data processing	
	1.6 Applications of IECT	
	1.6.1 e-governance	
	1.6.2 Multimedia and Entertainment	

Name of Unit of Qualification: Introduction to GUI Based Operating System

Duration: 05 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1: Candidate should know basics of operating systems. Outcome-2: Candidate should know the User interface of operating system. Outcome-3: Candidate should know how to change the settings of operating system. Outcome-4: Candidate should be able to do File and directory management.	2.2.1 Task Bar 2.2.2 Icons 2.2.3 Start Menu 2.2.4 Running an Application	05

Name of Unit of Qualification: Elements of word processing

Duration: 20 Hours

Performance		
Criteria(OUTCOME)	Contents	Hrs.
No.		
Outcome-1:	3.1 Word Processing Basics	20
Candidate should know basics	3.1.1 Opening Word Processing Package	
of operating systems.	3.1.2 Menu Bar	
Outcome-2:	3.1.3 Using The Help	
Candidate should know the	3.1.4 Using The Icons Below Menu Bar	
User interface of operating	3.2 Opening and closing Documents	
system.	3.2.1 Opening Documents	
Outcome-3:	3.2.2 Save and Save as	
Candidate should know how to	3.2.3 Page Setup	
change the settings of	3.2.4 Print Preview	
operating system.	3.2.5 Printing of Documents	
Outcome-4:	3.3 Text Creation and manipulation	
Candidate should be able to do	3.3.1 Document Creation	
File and directory	3.3.2 Editing Text	
management.	3.3.3 Text Selection	
	3.3.4 Cut, Copy and Paste	

3.3.5 Font and Size selection	
3.3.6 Alignment of Text	
3.4 Formatting the Text	
3.4.1 Paragraph Indenting	
3.4.2 Bullets and Numbering	
3.4.3 Changing case	
3.5 Table Manipulation	
3.5.1 Draw Table	
3.5.2 Changing cell width and height	
3.5.3 Alignment of Text in cell	
3.5.4 Delete / Insertion of row and column	
3.5.5 Border and shading	

Name of Unit of Qualification: Spreadsheets

Duration: 20 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1: Candidate should know the basics of spreadsheets. Outcome-2: Candidates should be able to do cell manipulation. Outcome-3: Candidates should know basics of Function and Charts.	4.1 Elements of Electronic Spread Sheet 4.1.1 Opening of Spread Sheet 4.1.2 Addressing of Cells 4.13 Printing of Spread Sheet 4.1.4 Saving Workbooks 4.2 Manipulation of Cells 4.2.1 Entering Text, Numbers and Dates 4.2.2 Creating Text, Number and Date Series 4.2.3 Editing Worksheet Data 4.2.4 Inserting and Deleting Rows, Column 4.2.5 Changing Cell Height and Width 4.3 Function and Charts 4.3.1 Using Formulas 4.3.2 Function 4.3.3 Charts	20

Name of Unit of Qualification: Introduction to Internet, WWW and web browsers

Duration: 15 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1: Candidate should know the basics of computer networks. Outcome-2:	5.1 Basics of Computer Networks 5.1.1 Local Area Network (LAN) 5.1.2 Wide Area Network (WAN)	15

Candidates should know the	5.2 Internet	
basics of internet and how to	5.2.1 Concept of Internet	
use web browsers.	5.2.2 Basics of Internet Architecture	
Outcome-3: Candidates should know the	5.3 Services on Internet	
internet access techniques.	5.3.1 World Wide Web and Websites	
Outcome-4:	5.3.2 Communication on Internet	
Candidate should be aware	5.3.3 Internet Services	
about the various services of	5.4 Preparing Computer for Internet	
internet.	Access	
	5.4.1 ISPs and examples	
	(Broadband/Dialup/WiFi)	
	5.4.2 Internet Access Techniques	
	5.5 Web Browsing Software	
	5.5.1 Popular Web Browsing Software	
	5.6 Configuring Web Browser	
	5.7 Search Engines	
	5.8.1 Popular Search Engines / Search for	
	content	
	5.8.2 Accessing Web Browser	
	5.8.3 Using Favourites Folder	
	5.8.4 Downloading Web Pages	
	5.8.5 Printing Web Pages.	

Name of Unit of Qualification: Communication and Collaboration

Duration: 05 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1: Candidate should know basics Emails. Outcome-2: Candidate should know how to create and send Email. Outcome-3: Candidates should know about the advance Email features.	6.1 Basics of E-mail 6.1.1 What is an Electronic Mail 6.1.2 Email Addressing 6.1.3 Configuring Email Client 6.2 Using E-mails 6.2.1 Opening Email Client 6.2.2 Mailbox: Inbox and Outbox 6.2.3 Creating and Sending a new E-mail 6.2.4 Replying to an E-mail message 6.2.5 Forwarding an E-mail message 6.2.6 Sorting and Searching emails 6.3 Advance email features 6.3.1 Sending document by E-mail 6.3.2 Activating Spell checking	05

6.3.3 Using Address book6.3.4 Sending Softcopy as attachment6.3.5 Handling SPAM6.4 Instant Messaging and Collaboration6.4.1 Using Smiley6.4.2 Internet etiquettes	
•	

Name of Unit of Qualification: Application of Presentations

Duration: 15 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1:	7.1 Basics	15
Candidate should know how to	7.1.1 Using PowerPoint	
create presentation and apply	7.1.2 Opening A PowerPoint Presentation	
various settings on it.	7.1.3 Saving A Presentation	
	7.2 Creation of Presentation	
	7.2.1 Creating a Presentation Using a Template	
	7.2.2 Creating a Blank Presentation	
	7.2.3 Entering and Editing Text	
	7.3 Preparation of Slides	
	7.3.1 Inserting Word Table or An Excel Worksheet	
	7.3.2 Adding Clip Art Pictures	
	7.3.3 Inserting Other Objects	
	7.3.4 Resizing and Scaling an Object	
	7.4 Providing Aesthetics	
	7.4.1 Enhancing Text Presentation	
	7.4.2 Working with Color and Line Style	
	7.4.3 Adding Movie and Sound	
	7.4.4 Adding Headers and Footers	
	7.5 Presentation of Slides	
	7.5.1 Viewing A Presentation	
	7.5.2 Choosing a Set Up for Presentation	
	7.5.3 Printing Slides And Handouts	
	7.6 Slide Show	
	7.6.1 Running a Slide Show	
	7.6.2 Transition and Slide Timings 7.6.3 Automating a Slide Show	

Name of Unit of Qualification: Application of Digital Financial Services

Duration: 05 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1: Candidate should be aware about various digital financial services.	 8.1 Why Savings are needed? 8.2 Drawbacks of keeping Cash at home 8.3 Why Bank is needed? 8.4 Banking Products 8.5 Documents for Opening Accounts 8.6 Banking Service Delivery Channels -I 8.7 Banking Service Delivery Channels -II 8.8 Insurance 8.9 Various Schemes 8.10 Bank on your mobile 	05

Name of Unit of Qualification: Soft Skills

Duration: 10 Hours

Performance Criteria(OUTCOME) No.	Contents	Hrs.
Outcome-1: Candidate will be aware about basics of soft skills.	 Introduction to Soft Skills Presentation Skills Preparation of CV Group Discussion & Interview Skills Time Management Skills and Job Orientation 	10

Name of Unit of Qualification: Data Entry / Typing Test.

Duration: 50 Hours

Performance Criteria(OUTCOME)	Contents	Hrs.
No.	Contents	ПІЗ.

Outcome-1:	Typing skills and typing speed	50	
Candidate should be able to meet the	test.		
criteria of a minimum typing speed in			
English of 35 wpm on computer or			
10500 key depressions per hour.			

Section - 2

List of Equipment (For a batch of 30 students)

De	escription	Qty	Specifications
1	Classroom	1	40 sq.m
2	Student Table	30	
3	Student Chair	30	
4	Trainer Table & Chair	1	
5	LCD Projector & screen	1	
6	White Board	1	
7	Desktop / Laptop	31	x86/64 CPU architecture, 6 th gen or higher, Intel or AMD CPU, 4 GB RAM or higher, 20 GB of available disk space

Section - 3

TRAINERS PROFILE

Level : 3
Batch Size : 30
No. of Trainers : 1
No. of Demonstrators : 1

Educational	a) MCA/DOEACC B Level/ B.E./B.Tech (Computer Science		
Qualification &	or Computer Engg. Or Information Technology)/M.Sc		
Experience	(CS/IT) or Equivalent* or higher from a recognized		
	University with min 1 + years of Experience		
	b) BCA/DOEACC IT-A Level /PGDCA or Equivalent* or		
	higher from a recognized University/Institute with min 2 +		
	years of Experience		
	c) M.Tech/M.E. in (Computer Science or IT) or equivalent*		
	from a recognized University/Institute		
Technical Skills	Good knowledge of Application software for word		
	processing, spreadsheet and presentation		
Other Skills	Should be able to communicate well in English		
	 Good command on regional language 		
	 Knowledge of Working on Computers 		
	 Should be able to prepare lesson plan, deliver the 		
	courses through the specified media as per schedule		
	 Should be able to aspire the trainees & evaluate and 		
	assess the trainees		
	 Should be able to monitor progress and give feedback 		
	to trainees		
	Should be able to maintain MIS related to training		

Section - 4

LIST OF SOFTWARE (For a batch of 30 students)

1. Primary Requirement

- Operating System (Windows/Linux)
- Web Browser
- Antivirus
- Internet Connectivity

2. Software for Documentation, Calculation & Presentation

Proprietary software Open-source software

- Microsoft Office
- e Libre Office

0. Software for Typing

Typing Master