



QUALIFICATION FILE

Full Stack Development Associate

- Short Term Training (STT) Long Term Training (LTT) Apprenticeship
 Upskilling Dual/Flexi Qualification For ToT For ToA
 General Multi-skill (MS) Cross Sectoral (CS) Future Skills OEM

NCrF/NSQF Level: 4

Submitted By:

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Section 1: Basic Details

1. Qualification Name	Full Stack Development Associate													
2. Sector/s	IT-ITeS													
3. Type of Qualification: <input type="checkbox"/> New <input checked="" type="checkbox"/> Revised <input type="checkbox"/> Has Electives/Options <input type="checkbox"/> OEM	NQR Code & version of existing/previous qualification: 2022/ITES/NIELIT/05523	Qualification Name of existing/previous version: Certified Web Developer												
4. a. OEM Name b. Qualification Name (Wherever applicable)	-													
5. National Qualification Register (NQR) Code & Version (Will be issued after NSQC approval)	QG-04-IT-04172-2025-V2-NIELIT	6. NCrF/NSQF Level: 4												
7. Award (Certificate/Diploma/Advance Diploma/Any Other)(Wherever applicable specify multiple entry/exists also & provide details in annexure)	Certificate													
8. Brief Description of the Qualification	<p>Nature: The programme encompasses people's skills, trust, and ability to use technologies responsibly and effectively for broader socio-economic benefits. After completion of this course, students are able to practice as a full stack developer.</p> <p>Purpose:</p> <ul style="list-style-type: none"> • Able to understand the flow of website creation and its implementation. • The candidate will be able to do Client-side programming and scripting such as Web Site maintenance, Front end, Backend and database Developer. Further getting exposure he/she may be able to do Server-Side Programming also Web Developer is responsible for the coding, design and layout of a website according to a company's specifications. As the role takes into consideration user experience and function, a certain level of both graphic design and computer programming is necessary 													
9. Eligibility Criteria for Entry for Student/Trainee/Learner/Employee	<p>a. Entry Qualification & Relevant Experience:</p> <table border="1"> <thead> <tr> <th>S. No.</th> <th>Academic/Skill Qualification (with Specialization - if applicable)</th> <th>Required Experience (with Specialization - if applicable)</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>12th or equivalent</td> <td>No Experience required</td> </tr> <tr> <td>2</td> <td>10th</td> <td>3-year experience in IT or allied sector</td> </tr> <tr> <td>5</td> <td>Previous relevant Qualification of NSQF Level 3.5</td> <td>1.5-year relevant experience</td> </tr> </tbody> </table>		S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)	1	12th or equivalent	No Experience required	2	10 th	3-year experience in IT or allied sector	5	Previous relevant Qualification of NSQF Level 3.5	1.5-year relevant experience
S. No.	Academic/Skill Qualification (with Specialization - if applicable)	Required Experience (with Specialization - if applicable)												
1	12th or equivalent	No Experience required												
2	10 th	3-year experience in IT or allied sector												
5	Previous relevant Qualification of NSQF Level 3.5	1.5-year relevant experience												
10. Credits Assigned to this Qualification, Subject to Assessment(as per National Credit Framework (NCrF))	13 Credits	11. Common Cost Norm Category (I/II/III) (wherever applicable): Category-II												

12.	Any Licensing requirements for Undertaking Training on This Qualification (wherever applicable)	No																	
13.	Training Duration by Modes of Training Delivery (Specify Total Duration as per selected training delivery modes and as per requirement of the qualification)	<input checked="" type="checkbox"/> Offline <input type="checkbox"/> Online <input type="checkbox"/> Blended <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="text-align: center;">Training Delivery Modes</th> <th style="text-align: center;">Theory (Hours)</th> <th style="text-align: center;">Practical (Hours)</th> <th style="text-align: center;">OJT Mandatory (Hours)</th> <th style="text-align: center;">ES Mandatory (Hours)</th> <th style="text-align: center;">Total (Hours)</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Classroom (offline)</td> <td style="text-align: center;">120</td> <td style="text-align: center;">180</td> <td style="text-align: center;">60</td> <td style="text-align: center;">30</td> <td style="text-align: center;">390</td> </tr> </tbody> </table>						Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	ES Mandatory (Hours)	Total (Hours)	Classroom (offline)	120	180	60	30	390
Training Delivery Modes	Theory (Hours)	Practical (Hours)	OJT Mandatory (Hours)	ES Mandatory (Hours)	Total (Hours)														
Classroom (offline)	120	180	60	30	390														
14.	Aligned to NCO/ISCO Code/s (if no code is available mention the same)	NCO-2015/2513.0101(Web Developer)																	
15.	Progression path after attaining the qualification (Please show Professional and Academic progression)	Full Stack Developer																	
16.	Other Indian languages in which the Qualification & Model Curriculum are being submitted	Qualification file available in English & Hindi Language.																	
17.	Is similar Qualification(s) available on NQR-if yes, justification for this qualification	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No URLs of similar Qualifications:																	
18.	Is the Job Role Amenable to Persons with Disability	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If "Yes", specify applicable type of Disability:																	
19.	How Participation of Women will be Encouraged	Participation of Women Candidates will be ensured as per Existing government norms. Exclusive batches for women would be run for the proposed course. Sponsorship of women batches from IT for masses scheme /other schemes launched by government from time to time.																	
20.	Are Greening/ Environment Sustainability Aspects Covered (Specify the NOS/Module which covers it)	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No																	
21.	Is Qualification Suitable to be Offered in Schools/Colleges	<input type="checkbox"/> Schools <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No <input type="checkbox"/> Colleges <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No																	
22.	Name and Contact Details of Submitting / Awarding Body SPOC (In case of CS or MS, provide details of both Lead AB & Supporting ABs)	Name: Piyush Shrivastava, Scientist-D Email: piyush@nielit.gov.in Contact No: 8827704712 Website: https://nielit.gov.in/																	
23.	Final Approval Date by NSQC:08.05.2025	24. Validity Duration:3 Years			25. Next Review Date: 08.05.2028														

Section 2: Module Summary

NOS/s of Qualifications

(In exceptional cases these could be described as components)

1. Design and Development of Front-End Application and managing and maintaining web source code
2. Implementation of Backend Python programming (functional and OOPs)
3. Database connectivity with MySQL and Dynamic Web Application Development using Django and Front-end Technologies (HTML/CSS/Java Scripts/Bootstrap)

Mandatory NOS/s:

Specify the training duration and assessment criteria at NOS/ Module level. For further details refer curriculum document.

Th.-Theory **Pr.**-Practical **OJT**-On the Job **Man.**-Mandatory Training **Rec.**-Recommended **Proj.**-Project.

S . N o	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/ NSQF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Theory	Practical	OJT	ES	Total	Theory	Practical	Project	ES	Total	Weightage (%) (if applicable)
1	Module/NOS1: Design and Development of Front-End Application and managing and maintaining web source code	NOS Code: NIE/ITS/N0705	Core	4	4	45	75	-	-	120	100	45	-	-	145	41
2	Module/NOS2: Implementation of Backend Python programming (functional and OOPs)	NOS Code: NIE/ITS/N0702	Core	4	3	40	50	-	-	90	50	22	-	-	72	20
3	Module/NOS3: Database connectivity with MySQL and Dynamic Web Application Development using Django and Front-end Technologies(HTML/CSS/ JavaScripts/Bootstrap)	NOS Code: NIE/ITS/N0703	Core	4	3	35	55	-	-	90	50	23	-	-	73	21
4	NOS4: Employability Skills	NOS Code: DGT/VSQ/N0101	Non-Core	4	1	-	-	-	30	30	-	-	-	30	30	9

S . N o	NOS/Module Name	NOS/Module Code & Version (if applicable)	Core/ Non-Core	NCrF/ NSQF Level	Credits as per NCrF	Training Duration (Hours)					Assessment Marks					
						Theory	Practical	OJT	ES	Total	Theory	Practical	Project	ES	Total	Weightage (%) (if applicable)
5	NOS5: OJT/Project	NOS Code: NIE/SSC/N 0705	Core	4	2	-	-	60	-	60	-	-	30	-	30	9
		Duration (in Hours)/ Total Marks		13	120	180	60	30	390	200	90	30	30	350	100	

Assessment Components	NOS Included	Duration (in mins)	Marks
Theory Paper 1- Front End Developer	NOS 1	90	100
Theory Paper 2- Back End Developer	NOS 2 & NOS 3	90	100
Practical Paper 1 – Full Stack Developer using Django	NOS 1, NOS 2 & NOS 3	180	90
Internal Assessment	Employability Skills	-	30
OJT/Project	<i>Implementation of Multimedia project in virtual environment/ OJT</i>	-	30
			Total: 350

Assessment - Minimum Qualifying Percentage

***Assessment strategy shall be as per NIELIT Norms prevailing at times.

Minimum Pass Percentage – The pass percentage is 50% in each assessment component (as mentioned in the above table) with the aggregate pass percentage be 50%

Section 3: Training Related

1.	Trainer's Qualification and experience in the relevant sector (in years)(as per NCVET guidelines)	B. Tech in Computer Science/ Electrical Engineering/ Electronics and Communication/ IT/allied branches Or MCA Or BCA Or NIELIT A- Level Qualified with 1 Years of Experience in teaching
2.	Master Trainer's Qualification and experience in the relevant sector (in years) (as per NCVET guidelines)	B. Tech in Computer Science/ IT/ Electronics and Communication/ allied branches 2 Years of Experience in teaching Or MCA 3 Years of Experience in teaching Or BCA with 4 Years of Experience in teaching
3.	Tools and Equipment Required for Training	<input checked="" type="checkbox"/> Yes <input type="checkbox"/> No Details available in Annexure-II
4.	In Case of Revised Qualification, Details of Any Upskilling Required for Trainer	NA

Section 4: Assessment Related

1.	Assessor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	B. Tech in Computer Science/ IT/ Electronics and Communication/ allied branches Or MCA Or NIELIT A- Level Qualified with 3 Years of Experience in teaching
2.	Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	The assessor carries out theory online assessments through the remote proctoring methodology. Theory examination would be conducted online and the paper comprise of MCQ. Conduct of assessment is through trained proctors. Once the test begins, remote proctors have full access to the candidate's video feeds and computer screens. Proctors authenticate the candidate based on registration details, pre-test image captured and I- card in possession of the candidate. Proctors can chat with candidates or give warnings to candidates. Proctors can also take screenshots, terminate a specific user's test session, or re-authenticate candidates based on video feeds.
3.	Lead Assessor's/Proctor's Qualification and experience in relevant sector (in years) (as per NCVET guidelines)	An External Examiner/ Observer (Subject matter expert) are deployed including NIELIT scientific officers who are subject expert for evaluation of Practical examination/ internal assessment / Project/ Presentation/ assignment and Major Project (if applicable). Qualification is generally B.Tech or higher with at least 05 years of experience in relevant area.
4.	Assessment Mode(Specify the assessment mode)	Online for Theory Online/ Offline/ Blended for other assessment components depending on the region where the assessment is conducted
5.	Tools and Equipment Required for Assessment	<input checked="" type="checkbox"/> Same as for training <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No (Details to be provided in Annexure-II)

Section 5: Evidence of the need for the Qualification

Provide Annexure/Supporting documents name.

1.	Latest Skill Gap Study (not older than 2 years) (Yes/No): Yes, Available in Annexure-A: Evidence of Need
2.	Latest Market Research Reports or any other source (not older than 2 years) (Yes/No): Yes, Available at Annexure-A: Evidence of Need
3.	Government /Industry initiatives/ requirement (Yes/No): Yes, Available at Annexure-A: Evidence of Need
4.	Number of Industry validation provided: 4
5.	Estimated nos. of persons to be trained and employed: 6000
6.	Evidence of Concurrence/Consultation with Line Ministry/State Departments: NIELIT is recognized as AB and AA under Government Category. NIELIT is an HRD arm of MeitY, therefore, the Line Ministry Concurrence is not required.

Section 6: Annexure & Supporting Documents Check List

Specify Annexure Name / Supporting document file name

1.	Annexure: NCrF/NSQF level justification based on NCrF level/NSQF descriptors (Mandatory)	Available at Annexure-I: Evidence of Level
2.	Annexure: List of tools and equipment relevant for qualification (Mandatory, except in case of online course)	Available at Annexure-II: Tools and Equipment
3.	Annexure: Industry Validation	Available at Annexure-III: Industry Validation
4.	Annexure: Training & Employment Details	Available at Annexure-IV: Training Details
5.	Annexure: Blended Learning (Mandatory, in case selected Mode of delivery is Blended Learning)	Available at Annexure-V: Blended Learning
6.	Annexure: Detailed Assessment Criteria (Mandatory)	Available at Annexure-VI: Detailed Assessment Criteria
7.	Annexure: Assessment Strategy (Mandatory)	Available at Annexure-VII: Detailed Assessment Strategy
8.	Annexure: Multiple Entry-Exit Details (Mandatory, in case qualification has multiple Entry-Exit)	NA
9.	Annexure: Acronym and Glossary (Optional)	Available at Annexure-VIII: Acronym and Glossary
10.	Supporting Document: Model Curriculum (Mandatory – Public view)	Available at Annexure-B: Model Curriculum
11.	Supporting Document: Assessment SOP (Mandatory)	Available at Annexure-C: Examination SOP
12.	Any other document you wish to submit:	NA

Annexure-I: Evidence of Level

NCrF / NSQF Level Descriptors	Key requirements of the job role/outcome of the qualification	How the job role /outcomes relate to the NCrF /NSQF level descriptor	NCrF /NSQF Level
Professional Theoretical Knowledge/Process	<p>The candidate will be able to do Client-side programming and scripting such as Web Site maintenance, Front end, Backend and database Developer. Further getting exposure he/she may be able to do Server Side Programming also.</p>	<p>To build a strong theoretical foundation as a full-stack developer using Django, it's essential to understand both backend (server-side) and frontend (client-side) processes, along with the various frameworks and tools commonly used in Django full-stack development</p>	4
Professional and Technical Skills/Expertise/ Professional Knowledge	<p>After Acquiring Skill to Create static and dynamic web pages and Understanding Database Is Able to Manage Application With Database In order to implement the various processes of the web, the developer must have: The Knowledge of concepts, syntaxes, and implementation of the technology/ Language. The candidate should have the knowledge of all the topics given in the curriculum in terms of the concept as well as its practical implementation.</p> <p>Must have good understanding of application architecture</p>	<p>To excel as a full-stack developer using Django, certain professional and technical skills are essential. These span from front-end and back-end development skills to knowledge in server management, database handling, security, and more</p>	4
Employment Readiness & Entrepreneurship Skills & Mind-set/ Professional Skill	<p>After completing the project, individuals are capable of developing applications with the use of knowledge acquired by front and back end module. Understanding user requirements; envisioning system features and functionality. The core coding skills in terms of making and using the software controls, connecting them to the frontend and backend of the software. Coordinating with the team, delivering products as per schedule, contributing to team meetings; troubleshooting development and production problems across multiple environments and operating platforms.</p> <p>In addition to this, Web Developer is responsible for the coding, design and layout of a website according to a company's specifications. As the role takes into consideration user experience and function, a certain level of both graphic design and computer programming is necessary.</p>	<p>Recall and demonstrate practical skill, routine and repetitive in narrow range of application, using appropriate rule and tool, using quality concepts</p>	4

Broad Learning Outcomes/Core Skill	The developer should have strong technical, analytical and problem solving skills. The developer should have the basic communication skills to communicate properly with other team members and with the client as and when required during the software development. The developer must be a team player so as to have good coordination with other team members	Language to communicate written or oral, with required clarity, skill to basic arithmetic and algebraic principles, basic understanding of social political and natural environment.	4
Responsibility	Web Developers are able to Create responsive website in addition to database management. After completion of this course, able to work as full stack development using Django	Responsibility for own work and learning.	4

Annexure-II: Tools and Equipment (Lab Set-Up)

List of Tools and Equipment

Batch Size: 30

S. No.	Tool/Equipment Name	Specification	Quantity or specified Batch size
1	Classroom	1 (30 Sq. m)	30
2	Student Chair	30	30
3	Student Table	30	30
4	Desktop computer with accessories	Installed with: JDK, Notepad++, VS Code, Linux OS, XAMPP, WAMP	30
5	LCD Projector	1	
6	Desk jet printer	1 No.	A4

Classroom Aids

The aids required to conduct sessions in the classroom are:

1. LCD Projector
2. Pin-up Board
3. White Board

Annexure-III: Industry Validations Summary

Provide the summary information of all the industry validations in table. This is not required for OEM qualifications.

S. No	Organization Name	Representative Name	Designation	Contact Address	Contact Phone No	E-mail ID
1	Programmers Point,	Smt. Bela Rani Saha	Proprietor	Ujan Abhoynagar, Manipuripara, Agartala, Tripura(West), Pin-799005	0381-3561096	programmerspoint.help@gmail.com
2	Software World,	-----	Founder	Agartala, Tripura(West),	0381-2950092	https://www.softwareworld.co.in/
3	Devendra Nath Institute of Information Technology (DNIIT)	Amit Kumar Tripathi	Director	Uska Road, Near Naveen Sabji, Mandi, Tetari Bazar, Siddharth Nagar 272207	8765562815	aktjob@gmail.com
4	Bankify Technologies Pvt Ltd	Rojalini Gouda	Sr. HR Executive	DCB 620, 6th Floor DLF Cybersecurity Infocity Square, Bhubaneswar, Odisha	9124653503	Rojalini@bankify.money

Annexure-IV: Training & Employment Details**Training and Employment Projections:**

Year	Total Candidates		Women		People with Disability	
	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities	Estimated Training #	Estimated Employment Opportunities
2025	2000	100	800	100	10	2
2026	2000	100	800	100	10	2
2027	2000	100	800	100	10	2

Data to be provided year-wise for next 3 years

Annexure-V: Blended Learning**Blended Learning Estimated Ratio & Recommended Tools: NA****Annexure-VI: Detailed Assessment Criteria**

Detailed assessment criteria for each NOS/Module are as follows:

NOS/Module Name	Assessment Criteria for Performance Criteria/ Learning Outcomes	Theory	Practical
Module/NOS 1: Design and Development of Front-End Application and managing and maintaining web source code. NOS Code: NIE/ITS/N0705	Students will be able to understand the following are as <ul style="list-style-type: none"> How the web application is being formulated and work Design the web pages & forms by using Tags and element of HTML -5. Also able to understand the skeleton of a website Design the visual layout, structure, and esthetics of a website &Managing Dynamic Web Templates & website maintenance How to provide end-user and server-side support & Cross-platform tests Able to create a dynamic and interactive web page to interact with visitors and execute complex actions. It also enables users to load content into a document without reloading the entire page Basic syntax of HTML, CSS , Java Script and Bootstrap To create web application using HTML, CSS, JS & bootstrap 	100	45
Module/NOS 2: Implementation of Backend Python programming (With Functional and OOPs) NOS Code: NIE/ITS/N0702	Students will able to understand the following topics are as <ul style="list-style-type: none"> Writing, executing, and debugging Python scripts using an IDE (e.g., VS Code, PyCharm, Jupyter). Implementing various data types and control structures through exercises. Creating and using custom Python functions with different argument types. Performing file operations: open, read, write, and close files in different modes. Designing classes and objects, including encapsulation, inheritance, and polymorphism in projects. Creating small modular applications by combining multiple modules and packages. Handling exceptions in practical coding scenarios. Using object-oriented features to build structured and reusable programs. Developing command-line and simple GUI-based mini-projects (optional). Implementing real-world examples such as student management, library system, or inventory tracker using OOP. 	50	22

<p>Module/NOS 3: Database connectivity with MySQL and Dynamic Web Application Development using Django and Front-end Technologies (HTML/CSS/JavaScripts/Bootstrap)</p> <p>NOS Code: NIE/ITS/N0703</p>	<p>Students will be able to understand the following topics are as</p> <ul style="list-style-type: none"> • Install and configure MySQL, Django, and required development tools • Create, update, delete, and query databases using MySQL • Perform CRUD operations using Django models and MySQL database • Design web pages with HTML, CSS, JavaScript, and Bootstrap • Handle forms and user input securely in Django • Connect views with templates for dynamic content • Implement login, logout, and user registration • Manage data through Django's admin panel • Build and test a complete Django-MySQL mini project • Use Git for version control • Document the project with diagrams and screenshots • Deploy the app locally or on a server (overview) • Present the project in seminar or review sessions 	50	23
<p>Module/NOS4: Employability Skills</p> <p>NOS Code: DGT/VSQ/N0101</p>	<ul style="list-style-type: none"> • Introduction to Employability Skills • Constitutional values – Citizenship • Becoming a Professional in the 21st Century • Basic English Skills • Communication Skills • Diversity & Inclusion • Financial and Legal Literacy • Essential Digital Skills • Entrepreneurship • Customer Service • Getting ready for Apprenticeship & Jobs 	30	
<p>Module/NOS 5: OJT/Project</p> <p>NOS Code: NIE/SSC/N0705</p>	OJT/Project		
	Grand Total		
	350		

Annexure-VII: Assessment Strategy

Assessment of the qualification evaluates candidates to ascertain that they can integrate knowledge, skills and values for carrying out relevant tasks as per the defined learning outcomes and assessment criteria.

The underlying principle of assessment is fairness and transparency. The evidence of the outcomes and assessment criteria. Competence acquired by the candidate can be obtained by conducting Theory (Online), Practical assessment, Internal assessment, Project/Presentation/ Assignment, Major Project. The emphasis is on the practical demonstration of skills & knowledge gained by the candidate through the training. Each OUTCOME is assessed & marked separately. A candidate is required to pass all OUTCOMES individually based on the passing criteria.

About Examination Pattern:

1. The question papers for the theory and practical exams are set by the Examination wing (assessor) of NIELIT HQS.
2. The assessor assigns roll number.
3. The assessor carries out theory online assessments through remote proctoring methodology. Theory examination would be conducted online and the paper comprise of MCQ. Conduct of assessment are through trained proctors. Once the test begins, remote proctors have full access to candidate's video feeds and computer screens. Proctors authenticate the candidate based on registration details, pre-test image captured and I- card in possession of the candidate. Proctors can chat with candidates or give warnings to candidates. Proctors can also take screenshots, terminate a specific user's test session, or re-authenticate candidates based on video feeds.
4. An External Examiner/ Observer may be deployed including NIELIT officials for evaluation of Practical examination/ internal assessment / Project/ Presentation/. Major Project (if applicable) would be evaluated preferably by external/ subject expert including NIELIT officials.
5. Pass percentage would be 50% marks in each component.
6. Candidates may apply for re-examination within the validity of registration (only in the assessment component in which the candidate failed).
7. For re-examination prescribed examination fee is required to be paid by the candidate only for the assessment component in which the candidate wants to reappear.
8. There would be no exemption for any paper/module for candidates having similar qualifications or skills.
9. The examination will be conducted in English language only.

Quality assurance activities: A pool of questions is created by a subject matter expert and moderated by other SME. Test rules are set beforehand. Random set of questions which are according to syllabus appears which may differ from candidate to candidate. Confidentiality and impartiality are maintained during all the examination and evaluation processes.

Annexure-VIII: Acronym and Glossary**Acronym**

Acronym	Description
AA	Assessment Agency
AB	Awarding Body
ISCO	International Standard Classification of Occupations
NCO	National Classification of Occupations
NCrF	National Credit Framework
NOS	National Occupational Standard(s)
NQR	National Qualification Register
NSQF	National Skills Qualifications Framework
OJT	On the Job Training

Glossary

Term	Description
National Occupational Standards (NOS)	NOS define the measurable performance outcomes required from an individual engaged in a particular task. They list down what an individual performing that task should know and also do.
Qualification	A formal outcome of an assessment and validation process which is obtained when a competent body determines that an individual has achieved learning outcomes to given standards
Qualification File	A Qualification File is a template designed to capture necessary information of a Qualification from the perspective of NSQF compliance. The Qualification File will be normally submitted by the awarding body for the qualification.
Sector	A grouping of professional activities on the basis of their main economic function, product, service or technology.
Long Term Training	Long-term skilling means any vocational training program undertaken for a year and above. https://ncvet.gov.in/sites/default/files/NCVET.pdf