GOVERNMENT OF INDIA
MINISTRY OF EDUCATION
DEPARTMENT OF SCHOOL EDUCATION & LITERACY

RAJYA SABHA
STARRED QUESTION NO. 48
ANSWERED ON – 07/02/2024

Skill specific reorientation of vocational courses

48 **Shri K.R. Suresh Reddy:**

Will the Minister of **EDUCATION** be pleased to state:

(a)   whether Government is cognizant that the vocational courses need to be made skill-specific by re-orienting the curricula to National Occupational Standards (NOS) and relevant Qualification Packs (QP) formulated by respective Sector Skill Councils (SSC); and

(b)   if so, the details of the initiatives that are proposed to be taken by Government in this regard?

ANSWER

MINISTER OF EDUCATION
(SHRI DHARMENDRA PRADHAN)

(a) & (b): A statement is laid on the table of the House.

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STATEMENT REFERRED TO IN REPLY TO PART (a) & (b) OF RAJYA SABHA STARRED QUESTION NO. 48 FOR REPLY ON 7th FEBRUARY, 2024 ASKED BY SHRI K.R. SURESH REDDY, HON'BLE MEMBER OF PARLIAMENT REGARDING SKILL SPECIFIC REORIENTATION OF VOCATIONAL COURSES

(a) & (b): Yes sir, the Government of India has notified the National Skill Qualification Framework (NSQF), which is an outcome and competency-based framework organizing the skill qualifications, National Occupational Standards (NOS) & Micro Credentials (MC) to a series of levels of 1 to 8 in terms of knowledge, skills, soft-skills/ aptitude, broad learning outcomes and responsibility levels regardless of whether they were acquired through formal, non-formal or informal learning.

The skilling qualifications, NOSs & MCs are designed to be skill specific for a particular job role. After development, they are submitted to the National Council for Vocational Education & Training (NCVET), the national regulator for setting standards, developing comprehensive regulations, and improving the vocational education, training, and skilling ecosystem, for ensuring NSQF alignment by the recognized Awarding Body concerned which includes Central Ministries, State Government bodies, Higher Education Institutes including universities, Industries, Sector Skill Councils and other private bodies.

Further, to enhance the employability of Skilling Education & Training courses, Awarding Bodies are encouraged to design & develop Qualifications, NOSs & MCs pertaining to future and as also those that are most relevant locally for School Education and Higher Education as well as Skill Education and Training ecosystems.

Till date 7382 qualifications have been approved & aligned with NSQF, out of which 4862 are active, including 340 Future Skill Qualifications as per Annexure A.

Under the Centrally sponsored scheme of Samagra Shiksha, financial assistance is provided to States/UTs for giving exposure to skill education to students of Grades VI to VIII and introduction of skilling courses from Grades IX to XII, which are aligned with NSQF.

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ANNEXURE REFERRED TO IN PART (a) & (b) IN REPLY OF RAJYA SABHA STARRED QUESTION NO. 48 FOR REPLY ON 7th FEBRUARY, 2024 ASKED BY SHRI K.R. SURESH REDDY, HON'BLE MEMBER OF PARLIAMENT REGARDING SKILL SPECIFIC REORIENTATION OF VOCATIONAL COURSES

List of 349 Future Qualifications

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
1	AI - Data Engineer	8	937	IT-ITeS
2	AI - Data Architect	8	712	IT-ITeS
3	AI - Solution Architect	8	562	IT-ITeS
4	Forensic specialist	8	800	IT-ITeS
5	Consultant Network Security	8	800	IT-ITeS
6	Security Infrastructure Specialist	8	800	IT-ITeS
7	Architect Identity and Access Management	8	800	IT-ITeS
8	Post Graduate Diploma in Information System Security	8	720	IT-ITeS
9	IoT - Domain Specialist	8	390	IT-ITeS
10	AI – Data Scientist	7	728	IT-ITeS
11	AI - DevOps Engineer	7	467	IT-ITeS
12	Machine Learning Engineer	7	284	IT-ITeS
13	Security Analyst	7	400	IT-ITeS
14	Analyst Application Security	7	600	IT-ITeS
15	Analyst Identity and Access Management	7	600	IT-ITeS
16	Analyst Endpoint Security	7	600	IT-ITeS
17	Analyst Compliance Audit	7	600	IT-ITeS
18	Analyst Security Operations Centre	7	600	IT-ITeS
19	Analyst End Point Security	7	600	IT-ITeS
20	Penetration Tester	7	600	IT-ITeS
21	AI - Security Analyst	7	492	IT-ITeS
22	Certificate Course in Cyber Forensics & Cyber Laws (CCCFCL)	7	320	IT-ITeS
23	ARVR Architect	7	780	IT-ITeS
24	IoT - Solution Architect	7	910	IT-ITeS
25	IoT - Security Specialist	7	445	IT-ITeS
26	IoT - Network Specialist	7	374	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
27	IoT – Security Specialist	7	445	IT-ITeS
28	Information security specialist	7	1170	IT-ITeS
29	Project Manager - Electronics	7	1170	Electronics
30	Robotics Automation Lead	7	1170	Electronics
31	Automotive Robotics and Automation Manager	7	660	Automotive
32	Automotive Smart Manufacturing Specialist	7	660	Automotive
33	Automotive Dealership Data Manager	6.5	690	Automotive
34	Automotive Design Safety Manager	6.5	690	Automotive
35	Automotive IIOT Application Manager	6.5	690	Automotive
36	Automotive Manufacturing Data Manager	6.5	690	Automotive
37	Automotive Dealership Data Analyst	6	660	Automotive
38	Automotive Sustainability Engineer	6	660	Automotive
39	Automotive Manufacturing Data Analyst	6	660	Automotive
40	Core Engineer	6	350	Automotive
41	Transmission Engineer	6	570	Automotive
42	AI – Data Quality Analyst	6	357	IT-ITeS
43	AI - Business Intelligence Analyst	6	332	IT-ITeS
44	Post Graduate Program in Data Engineering	6	840	IT-ITeS
45	AI - Database Administrator	6	464	IT-ITeS
46	Blockchain Architect	6	737	IT-ITeS
47	Certificate Course in Cyber Forensics & Cyber Laws (CCCFCL)	6	500	Electronics & Hardware
48	ARVR Consultant	6	690	IT-ITeS
49	ARVR Researcher	6	780	IT-ITeS
50	AR/VR Developer	6	1250	Media & Entertainment
51	IoT - Hardware Solution Designer	6	400	IT-ITeS
52	IoT - Software Analyst	6	595	IT-ITeS
53	IoT - Test Analyst	6	419	IT-ITeS
54	IoT-Network Specialist	6	870	IT-ITeS
55	IoT-Security Specialist	6	870	IT-ITeS
56	IoT-Solution Architect	6	870	IT-ITeS
57	IoT - Product Manager	6	870	IT-ITeS
58	Mechatronics Design and System Integrator	6	870	Electronics & Hardware
59	Mechatronics General Manager	6	870	Electronics & Hardware

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
60	Quality Manager - Electronics	6	870	Electronics & Hardware
61	Automotive Automation and Robotics Engineer	6	640	Automotive
62	Robotic Process Automation Consultant	6	570	IT-ITeS
63	Robotic Process Automation Solution Architect	6	600	IT-ITeS
64	Robotic Process Automation Technical Lead	6	600	IT-ITeS
65	Automotive Additive Manufacturing Engineer	6	600	Automotive
66	Automotive Robotics and Automation Simulation Engineer	6	570	Automotive
67	Automotive Robotics System Integrator/Planner	6	570	Automotive
68	Automotive Smart Manufacturing Engineer	6	570	Automotive
69	Cloud Architect	6	600	IT-ITeS
70	Cloud Consultant	6	660	IT-ITeS
71	Software Vulnerability/Penetration tester	6	660	IT-ITeS
72	Warehouse Manager	6	660	Transportation
73	Automotive Open System Architecture (AUTOSAR) Engineer	6	660	Automotive
74	Automotive Unified Diagnostic Engineer	6	660	Automotive
75	Automotive Cyber Security Specialist	6	660	IT-ITeS
76	Green Hydrogen Plant Technician	5.5	600	Enviromental Science
77	Advanced Driver Assistance System (ADAS) Engineer	5.5	600	ASDC
78	Automotive Cyber Security EngineerAdvanced Driver Assistance System (ADAS) Engineer	5.5	600	Automotive
79	Automotive Flex Fuel Engine Designer	5.5	600	Automotive
80	Automotive Battery Management System (BMS) Design Engineer	5.5	600	Automotive
81	Automotive Electric Vehicle BSS (Battery Swapping Station) Planning Engineer	5.5	600	Automotive
82	IT Automation Engineer (UPSKILLING)	5	570	IT-ITeS
83	Enterprise Application Developer (UPSKILLING)	5	570	IT-ITeS
84	Aeronautical Structure and Equipment Fitter	5	570	Aviation

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
85	Machine Learning Pipeline on AWS (Basic)	5	570	IT-ITeS
86	Problem Analyst & Solution development in IT	5	570	IT-ITeS
87	Green Hydrogen Plant Entrepreneur	5	570	Envireomental Science
88	Design Thinking Executive	5	570	Automotive
89	Precision Farming Technician	5	570	Agriculturre
90	3d Printing Software Developer	5	690	IT-ITeS
91	3d Printing Modelling Engineer	5	600	IT-ITeS
92	Operator-Plastic 3D printing	5	600	Rubber Industry
93	Laser Marking & Cutting Process Engineer	5	720	Electronic
94	Field Management Engineer	5	600	Telecom
95	Project Engineer-5G Networks	5	600	Telecom
96	Drive Test Engineer	5	600	Telecom
97	Bioinformatics Scientist	5	1100	Life Sceince
98	Certified Data Analyst	5	240	IT-ITeS
99	Industrial Automation Specialist	5	540	Automotive
100	Building Automation Specialist	5	540	Construction
101	Technical Supervisor – Automatic Train Protection System (ATPS)	5	300	Telecom
102	AI and Machine (ML) Learning Developer	5	600	IT-ITeS
103	Blockchain Test Engineer	5	546	IT-ITeS
104	Blockchain Support Analyst	5	562	IT-ITeS
105	Blockchain Strategist	5	660	IT-ITeS
106	Blockchain App Developer	5	641	IT-ITeS
107	Core Blockchain Developer	5	656	IT-ITeS
108	Blockchain Security Engineer	5	580	IT-ITeS
109	CAD/ CAM Designer- Plastic Product	5	570	Rubber Industry
110	Package Design Engineer	5	720	Electronic
111	Wafer Dicing Engineer	5	720	Electronic
112	Electric Vehicle Product Design Engineer	5	520	Automotive
113	Electric Vehicle Test Engineer	5	568	Automotive
114	Electric Vehicle Service Lead Technician	5	648	Automotive
115	ARVR Designer	5	600	IT-ITeS
116	ARVR Developer	5	630	Media Entertianment
117	ARVR Test Engineer	5	630	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
118	ARVR Infrastructure engineer	5	600	IT-ITeS
119	ARVR Support Analyst	5	600	IT-ITeS
120	Technical Artist (AR/VR)	5	1020	Media Entertianment
121	Automotive IIOT Application Engineer	5	560	Automotive
122	IoT - Control Room Operator	5	310	IT-ITeS
123	IOT Hardware Analyst	5	700	Electronic
124	Mechatronics Maintenance Specialist	5	720	Electronic
125	Security System Service Engineer (Electronics)	5	300	Electronic
126	Wafer Back Grinding Engineer	5	720	Electronic
127	Quality Analysis & Reliability Engineer	5	720	Electronic
128	Die Attach and Wire Bonding Engineer	5	720	Electronic
129	Molding Process Engineer	5	720	Electronic
130	Wafer Test and Sort Engineer	5	720	Electronic
131	Failure Analysis & Reliability Engineer	5	720	Electronic
132	Robotic Process Automation Developer	5	540	IT-ITeS
133	Robotic Process Automation Test Engineer	5	510	IT-ITeS
134	Robotic Process Automation Implementation Specialist	5	540	IT-ITeS
135	Robotic Process Automation Support Analyst	5	510	IT-ITeS
136	VLSI Design Engineer	5	720	Electronic
137	IC Package Engineer	5	720	Electronic
138	Solder Ball Attach - Process Engineer	5	720	Electronic
139	Saw Singulation Engineer	5	720	Electronic
140	Product Verifier and Analyst - Generic	5	480	IT-ITeS
141	Cyber Security and Social Media Analyst	5	480	IT-ITeS
142	Machine Learning (ML) Engineer	5	600	Telecom
143	IoT Installation Solution Architect	5	600	Telecom
144	IoT-Test Analyst	5	600	IT-ITeS
145	IoT-Software Analyst	5	600	IT-ITeS
146	Genetic Counselor	5	1500	Healthcare
147	Transplant Coordinator	5	780	Healthcare
148	Associate- Regulatory Affairs and Intellectual Property (IVD and Medical Devices)	5	570	Life Sceince
149	Cloud Application Developer	5	570	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
150	Certified VLSI Design Engineer	5	570	Electronic
151	Cloud Security Analyst	5	570	IT-ITeS
152	Site-reliability Analyst- Cloud Computing	5	570	IT-ITeS
153	Naturalist- wildlife tourism	4.5	510	Tourism And Hospitality
154	Internet of Things (IoT) Developer	4.5	510	IT-ITeS
155	Junior Data Analyst	4.5	510	IT-ITeS
156	Cyber Security Associate	4.5	510	IT-ITeS
157	Cloud Computing Associate	4.5	510	IT-ITeS
158	Artificial Intelligence Application Developer	4.5	510	IT-ITeS
159	3D Printing Operator	4	510	Media & Entertainment
160	E-Waste Dismantling and Segregation Assistant	4	480	Electronic & HW
161	Solar Cold Storage Entrepreneur	4	480	Environmental Science
162	Software Programmer Elective 1: JAVA SSC/N0510: Develop, test and execute software programs as per specifications using Java Elective 2:Python SSC/N0511: Develop, test and execute software programs as per specifications using Python Elective 3: HTML5 SSC/N0512: Write, test and execute programs in HTML5 to develop web or mobile applications as per specifications	4	480	IT-ITeS
163	Vriksh Sanrakshak	4	480	Agriculture
164	Aircraft Avionics Technician	4	480	Aerospace & Aviation
165	Marine Structural Fitter & Fabricator	4	480	Construction
166	Technology and Business Fundamentals	4	480	
167	AWS Cloud Practitioner Essentials (Basic)	4	480	IT-ITeS
168	Developing on AWS (Basic)	4	480	IT-ITeS
169	Solar PV Cell Manufacturing Technician	4	480	Enviromental Science
170	Walk Tour Facilitator	4	480	Tourism And Hospitally
171	Architecting on AWS(Basic)	4	480	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
172	Internet of Things (IoT) Associate	4	480	IT-ITeS
173	Data Analysis Associate	4	480	IT-ITeS
174	Junior Cyber Security Associate	4	480	IT-ITeS
175	Junior Cloud Computing Associate	4	480	IT-ITeS
176	Artificial Intelligence Associate	4	480	IT-ITeS
177	Cyber secured Web Development Associate	4	480	*IT-ITeS*
178	AI Development Associate	4	480	IT-ITeS
179	Aircraft Airframe & Powerplant Technician	4	480	Aerospace & Aviation
180	Wind Plant Technician	4	480	Power
181	Assistant Operator- Plastic 3D printing	4	510	Chemicals & Petrochemicals
182	Automotive Additive Manufacturing Technician	4	440	Automotive
183	Additive Manufacturing (3D Printing) Operator	4	1600	Automotive
184	Additive Manufacturing Technician (3D Printing)	4	1600	Construction
185	Infrastructure Technician - 5G Networks	4	510	Telecom
186	Technician 5G – Active Network Installation	4	510	Telecom
187	R F Site Surveyor	4	180	Telecom
188	Certified Artificial Intelligence Associate	4	360	IT-ITeS
189	Foundation course in Machine Learning using Python	4	90	IT-ITeS
190	Foundation course in Artificial Intelligence Application	4	90	IT-ITeS
191	Bioinformatics Associate/ Analyst	4	1000	Life Science
192	Data Annotator	4	510	IT-ITeS / ScPWD
193	Technician –AutomaticTrain Protection System (ATPS)	4	180	Automotive
194	Foundation course in Blockchain Development	4	90	IT-ITeS
195	Certified Cloud Computing and Virtualization Expert (Upskilling)	4	210	IT-ITeS
196	Certified System and Networking Specialist (Upskilling)	4	360	IT-ITeS
197	Foundation course in Information Security	4	90	IT-ITeS
198	Network Security Technician	4	300	Telecom

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
199	Hydroponics Technician	4	390	Agriculture
200	Drone Pilot	4	800	Aerospace & Aviation
201	Kisan Drone Operator	4	390	Agriculture
202	Drone Multi Rotor Operator	4	390	Aerospace & Aviation
203	Drone Technician	4	800	Aerospace & Aviation
204	CTS - Remotely Piloted Aircraft (RPA)/ Drone Pilot – Refresher Course	4	56	Aerospace & Aviation
205	Drone Service Technician	4	400	Electronic
206	Drone Developer (Software)	4	510	IT-ITeS
207	Electric Vehicle Assembly Technician	4	400	Automotive
208	Electric Vehicle Quality Control Inspector	4	400	Automotive
209	Electric Vehicle Maintenance Technician	4	400	Automotive
210	Electric Vehicle Service Technician	4	400	Automotive
211	Fleet Telematic Operator	4	420	Automotive
212	Automotive IIOT Application Technician	4	450	Automotive
213	Foundation course in Internet of things (IOT)	4	90	IT-ITeS
214	Telecom Technician - IOT Devices/System	4	500	Telecom
215	Wireless Technician	4	300	Telecom
216	Winding Operator	4	570	Electronic
217	Security System Installation Technician (Electronics)	4	200	Electronic
218	Electronic Production Technician	4	360	Electronic
219	Drone Manufacturing and Assembly Technician	4	390	Electronic
220	Aerospace Composite Technician	4	660	Aerospace & Aviation
221	Craft Baker	4	400	Food Industry
222	Solar LED Technician	4	570	Electronic
223	INDUSTRIAL ROBOTICS AND DIGITAL MANUFACTURING TECHNICIAN	4	2080	Capital Good and Manufacturing
224	Foundation course in VLSI Design	4	90	IT-ITeS
225	Foundation course in Embedded Application Development	4	90	IT-ITeS
226	Foundation course in MATLAB	4	90	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
	Programming for Digital Signal Processing			
227	Process Control & Automation technician	4	390	Automotive
228	Advanced Plumbing Technician	4	390	Plumbing
229	Certified Android Apps Developer (Upskilling)	4	210	IT-ITeS
230	Auto Electrical Design Technician	4	390	Automotive
231	Advanced CNC Machining Technician (Rotary 4th Axis and 5th Axis Mill)	4	390	Capital Good and Manufacturing
232	Advanced Painting Technician Using Simulated Learning Technique	4	390	Automotive
233	Process Control & Automation technician	4	390	Automotive
234	Automotive Detailer Technician	4	420	Automotive
235	MIS Data Analyst – Financial Services	4	390	BFSI
236	Designer - Plastic Product Including Toys	4	480	Rubber Industry
237	Associate Designer - Die and Mould for Plastic Including Toys	4	480	Rubber Industry
238	AI & ML – Jr. Telecom Data Analyst	4	510	Telecom
239	Certified Repair & Maintenance Technician (Industrial Instrumentation & Automation System)	4	510	Electronic
240	Cloud Computing – Jr. Analyst	4	510	Telecom
241	Certificate in Robotic Programming and Maintenance	4	450	Electronic
242	End of Life Vehicle (ELV) Dismantler	4	390	Automotive
243	Telehealth Services Coordinator	4	960	Healthcare
244	Chemist- Store (Pharma, Biological Products and Medical Devices)	4	540	Life Science
245	Land Transportation Executive	4	390	Logistics
246	Solar EV Charging Entrepreneur	4	480	Enviromental Science
247	Software Container Specialist (UPSKILLING)	3.5	420	IT-ITeS
248	Cloud Support Engineer (UPSKILLING)	3.5	420	IT-ITeS
249	Internet of Things (IoT) Assistant	3	390	IT-ITeS
250	Data Analysis Assistant	3	390	IT-ITeS
251	Cyber Security Assistant	3	390	IT-ITeS
252	Cloud Computing Assistant	3	390	IT-ITeS
253	Artificial Intelligence Assistant	3	390	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
254	Junior Technician- Solar EV charging station	3	390	Power
255	Linus Desktop Support Engineer	3	390	Power
256	Linux System administrator (UPSKILLING	3	390	IT-ITeS
257	Automotive Additive Manufacturing Operator	3	360	Automotive
258	Junior Technician-Solar Cold Storage	3	390	Enviromental Science
259	Telecom Rigger – 5G and Legacy Networks	3	420	Telecom
260	Certificate in IT Security Support	3	120	IT-ITeS
261	Certified Industrial Automation Assistant	3	360	Electronic & HW
262	Certified Electronic Product Testing Assistant	3	360	Electronic & HW
263	Electric Vehicle Assembly Operator	3	320	Automotive
264	Associate- Store (Pharma, Biopharma, Medical Devices)- Automated Warehouse	3	400	Automotive
265	Automotive Welding Machine Operator (Manual and Robotics)	3	320	Automotive
266	Fundamentals of Innovation and Design Thinking	3	270	Automotive
267	Advance Automobile Technician	3	270	Automotive
268	Battery Electric Vehicle Technician	3	270	Electronic & HW
269	Internet of Things Application Technician	3	270	IT-ITeS
270	CAM Programmer CNC LATHE	3	270	Capital Goods
271	CAM Programmer CNC Milling & Turn Mill	3	270	Capital Goods
272	CNC Milling Machine Technician and Programmer	3	270	Capital Goods
273	CNC Lathe Machine Technician and Programmer	3	270	Capital Goods
274	Additive Manufacturing Process Technician Using Extended Learning Technique	3	270	Capital Goods
275	Welding Technician Using Simulated Learning Technique	3	270	Capital Goods
276	Robot Operator and Programmer - Material Handling	3	270	Capital Goods
277	Robot Operator and Programmer - Arc Welding	3	270	Capital Goods
278	Jr. Product Designer – Generic	3	270	IT-ITeS
279	Jr. Product Designer and Developer -	3	390	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
	Generic			
280	Battery Electric Vehicle Jr. Technician	3	270	Automotive
281	Internet of Things Application Jr. Technician	3	270	IT-ITeS
282	Jr. CAM Programmer CNC LATHE	3	270	Capital Goods
283	Jr. CAM Programmer CNC Milling & Turn Mill	3	270	Capital Goods
284	CNC Milling Machine Jr. Technician and Programmer	3	390	Capital Goods
285	CNC Lathe Machine Jr. Technician and Programmer	3	390	Capital Goods
286	Additive Manufacturing Process Jr. Technician Using Extended Learning Technique	3	270	Capital Goods
287	Jr. Welding Technician Using Simulated Learning Technique	3	270	Capital Goods
288	Jr. Robot Operator and Programmer - Material Handling	3	390	Capital Goods
289	Jr. Robot Operator and Programmer - Arc Welding	3	390	Capital Goods
290	Bicycle Mechanic (E Bikes)	3	270	Automotive
291	Assistant Glass Toy Maker – Artisan	3	540	Handicrafts carpets
292	Artisan Leather Toy Maker - Artisan	3	540	Handicrafts carpets
293	Geriatric Caregiver (Institutional & Home Care)	3	450	Healthcare
294	AI Devices Installation Operator	3	420	Telecom
295	Jr. Technician - Last Mile Active Network	3	420	Telecom
296	IoT Technical Service Operator	3	420	Telecom
297	Drone Monitoring and Maintenance Associate	3	420	Telecom
298	Electric Vehicle Service Assistant (Two/Three wheeler, Four Wheeler and Electric Truck/Bus)	3	570	Automotive
299	Automotive Smart Manufacturing head	7	750	Automotive
300	Automotive Data science head	7	750	Automotive
301	Biologist/ Biotechnologist	5	540	Life Sciences
302	Embedded Software Engineer	6	960	Electronic &HW
303	EV Charging Station Attendant	3	390	Power

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
304	Automotive Dealership Data Science Specialist	6	660	Automotive
305	Automotive IIOT Application Specialist	6	660	Automotive
306	Automotive Manufacturing Data Science Specialist	6	660	Automotive
307	Mechatronics Senior Technician	4.5	510	Electronics
308	Warehouse Associate	3	480	Logistics
309	Warehouse Executive	4	510	Logistics
310	Warehouse Supervisor	5	600	Logistics
311	Supply Chain Associate	3	360	Logistics
312	Supply Chain Executive	4	630	Logistics
313	Green Hydrogen Plant Junior Technician-Power Sources	3	420	Green Jobs
314	Green Hydrogen Plant Junior Technician-Storage	3	360	Green Jobs
315	Industrial IoT and Edge AI Analyst	5.5	750	Electronics
316	Computer Operator and Network Assistant	3	420	IT-ITeS
317	4D BIM Planner – Planning & Monitoring	6	600	Construction
318	BIM Designer – Interior Design and VR Integration	6	630	Construction
319	BIM Modeler Elective : 1. Mechanical, Electrical and Plumbing (MEP) 2. Structural and Formwork 3. Architectural and Landscape	4	420	Construction
320	BIM Manager- Construction	6.5	660	Construction
321	BIM Technician – Object Creation	5	510	Construction
322	BIM Coordinator – Design	6	600	Construction
323	7D BIM Creator - BIM & IoT Integration	6	600	Construction
324	6D BIM Creator – Sustainability	6	600	Construction
325	5D BIM Planner – Cost Planning and Monitoring	6	630	Construction
326	Project Soft-Landing Executive	4.5	450	Construction
327	Semiconductor Process Technology Engineer - Upskilling	6	300	Electronics
328	Green Hydrogen Plant Operator	4.5	510	Hydrocarbon
329	Compressed Biogas Plant Operator	3.5	420	Hydrocarbon

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
330	Packaging Designer	6	660	Logistics
331	Technician: Battery (Alkaline) Maintenance, Processing and Recycling	4	450	Rubber
332	Green Hydrogen Plant Junior Technician-Electrolyser	3	330	Green Jobs
333	Green Hydrogen Plant Junior Technician-Desalination	3	360	Green Jobs
334	Telecom ग्रामीण उद्यमी	4	600	Telecom
335	5G System Integrator	5	570	Telecom
336	Supervisor - 2 and 3 Wheeler Electric Vehicle Services	5	540	Automotive
337	Industrial Automation Operator	4	540	Electronics
338	Analyst- Drug Safety / Pharmacovigilance	5.5		Lifesciences
339	Production Technician: In -Vitro Diagnostic (IVD) Kits (Class A and Class B)	4.5		Lifesciences
340	Logistics Associate - Cold Chain Sustainability (Drug Products, Vaccines, Medical Devices and IVD)	4.5		Lifesciences
341	Senior Technician - Electrical Safety Testing for Medical Devices and IVD	5		Lifesciences
342	Junior EngineerEMI/EMC testing for Medical Devices and IVD	5.5		Lifesciences
343	Production Technician: Medical Device-Stents Elective 1: Laser Cutting Elective 2: Descaling and Annealing Elective 3: Electropolishing Elective 4: Ultrasonic Cleaning Elective 5: Drug Coating Elective 6: Crimping Elective 7: Primary Packaging	5		Lifesciences
344	Technician Automation Maintenance for Medical Device Plant	4.5		Lifesciences
345	AI Ethics Specialist	6	720	IT-ITeS

Sr. No.	Qualification Name	NSQF Level	Notional Hours	Sector
346	5G Network Technician	4.5	1350	Telecom
347	Rail Logistics Executive	4.5	510	Logistics
348	Warehouse Data Analyst	6	630	Logistics
349	E-commerce Micro Entrepreneur	4	480	Logistics