

GOVERNMENT OF INDIA  
MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP  
**RAJYA SABHA**  
**UNSTARRED QUESTION NO. 1244**  
ANSWERED ON 30.07.2025

**INTEGRATION OF SKILLS WITH FORMAL EDUCATION**

1244 SHRI SUBHASISH KHUNTIA

Will the Minister of SKILL DEVELOPMENT AND ENTREPRENEURSHIP be pleased to state:

- (a) whether vocational training has been integrated with school curriculum under NEP 2020;
- (b) if so, the number of schools offering vocational modules; and
- (c) plans to expand it to rural schools, details thereof ?

**ANSWER**

THE MINISTER OF STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF SKILL DEVELOPMENT AND ENTREPRENEURSHIP

(SHRI JAYANT CHAUDHARY)

**(a) to (c):** National Education Policy 2020 lays emphasis on integration of vocational education programs with mainstream education in all educational institutions in a phased manner. The National Credit Framework (NCrF) has been developed as a comprehensive credit accumulation & transfer framework encompassing elementary, school, higher, and vocational education & training. NCrF integrates creditization of learning in various dimensions i.e. academics, vocational skills and experiential learning including relevant experience and proficiency/ professional levels acquired.

Department of School Education and Literacy (DoSEL) provides financial support for implementing the Centrally Sponsored scheme of 'Samagra Shiksha'. Vocational Education is one of the components under Samagra Shiksha scheme.

Under Vocational Education component of 'Samagra Shiksha', NSQF aligned vocational courses are offered to the students from class 9<sup>th</sup> to 12<sup>th</sup> in the schools covered under the scheme. At the Secondary level (Class IX and X), vocational modules are offered to the students as an additional subject. At Sr. Secondary level (Class XI and XII), vocational courses are offered as a compulsory (elective) subject. Details of 138 Job Roles approved for introduction as Skill subjects in school for Class IX to XII is at **Annexure**.

Employability Skill modules including Communication Skills, Self-Management Skills, Information and Communication Technology Skills, Entrepreneurship Skills, and Green Skills has been made a mandatory part of skill subject under Samagra Shiksha Scheme.

A total of 29,342 schools have been approved for integrating skilling with formal education in the country, out of which it has been implemented in 24,560 schools with a reported enrolment of 31,94,282 students.

Under the scheme, the Hub and Spoke Model has been adopted so that the infrastructure available in the Hub schools are utilised by the students of nearby schools (spoke schools) for Skill training.

**ANNEXURE REFERRED TO IN REPLY TO PART (a) to (c) OF RAJYA SABHA UNSTARRED QUESTION NO. 1244 ANSWERED ON 30.07.2025 REGARDING 'INTEGRATION OF SKILLS WITH FORMAL EDUCATION**

Details of 138 Job Roles approved for introduction as Skill subjects in school for Class IX to XII

S. No. of Sector	Name of Sector	Title of Job Role/ Vocational Subject	Grade
1	Aerospace & Aviation	Drone Operator – Multi-	XI
	Aerospace & Aviation	Rotor (New Job Role)	XII
2	Agriculture	Dairy Worker	IX
	Agriculture		X
	Agriculture	Solanaceous Crop Cultivator	IX
	Agriculture		X
	Agriculture	Dairy Farmer/ Entrepreneur	XI
	Agriculture		XII
	Agriculture	Floriculturist	XI
	Agriculture		XII
	Agriculture	Gardener	XI
	Agriculture		XII
	Agriculture	Irrigation Service Technician	XI
	Agriculture		XII
	Agriculture	Micro irrigation Technician	XI
	Agriculture		XII
	Agriculture	Organic Grower	XI
	Agriculture		XII
	Agriculture	Small Poultry Farmer	XI
	Agriculture		XII
	Agriculture	Paddy Farmer	IX
	Agriculture		X
	Agriculture	Hydroponics Technician	XI
	Agriculture	(New Job Role)	XII
	Agriculture	Kisan Drone Operator (New Job Role)	XI
	Agriculture		XII
	Agriculture	Plant Tissue Culture Technician (New Job Role)	XI
	Agriculture		XII
	Agriculture	Agriculture Extension Service Provider	XI
	Agriculture	(New Job Role)	XII
	Agriculture	Fish Seed Grower (New Job Role)	XI
	Agriculture		XII
	Agriculture	Pearl Culture Technician (New Job Role)	XI
	Agriculture		XII
	Agriculture	Oilseed Crop Grower (New Job Role)	XI
	Agriculture		XII
3	Apparel, Made-ups and	Sewing Machine Operator	IX

	Apparel, Made-ups and	Finisher and Packer (New Job Role)	X
	Home Furnishing		
	Apparel, Made-ups and		IX
	Home Furnishing		
	Apparel, Made-ups and		X
	Home Furnishing	Hand Embroiderer (Addawala)	
	Apparel, Made-ups and		IX
	Home Furnishing		
	Apparel, Made-ups and	Self Employed Tailor	X
	Home Furnishing		
	Apparel, Made-ups and		XI
	Home Furnishing	Specialized Sewing Machine Operator	
	Apparel, Made-ups and		XII
	Home Furnishing		
	Apparel, Made-ups and	Assistant Designer- Fashion, Home and Made- ups	XI
	Home Furnishing		
	Apparel, Made-ups and		XII
	Home Furnishing	Assistant Designer- Fashion, Home and Made- ups	
	Apparel, Made-ups and		XI
	Home Furnishing		
4	Automotive	Four Wheeler Service Assistant	IX
	Automotive		X
	Automotive	Electric Vehicle Service Assistant	IX
	Automotive		X
	Automotive	Four-Wheeler Service Technician	IX
	Automotive		X
	Automotive	Auto Electrical Design Technician (New Job Role)	XI
	Automotive		XII
	Automotive	Automotive IIOT Application Technician (New Job Role)	XI
	Automotive		XII
5	BFSI	Microfinance Executive	IX
	BFSI		X
	BFSI	Business Correspondent/ Facilitator	XI
	BFSI		XII
	BFSI	MIS Data Analyst - Financial Services (New Job Role)	XI
	BFSI		XII
	BFSI	Customer Service Associate - Financial Services (New Job Role)	XI
	BFSI		XII
6	Beauty & Wellness	Assistant Beauty Therapist	IX
	Beauty & Wellness		X
	Beauty & Wellness	Beauty Therapist	XI
	Beauty & Wellness		XII
	Beauty & Wellness	Nail Technician (New Job Role)	XI
	Beauty & Wellness		XII

	Beauty & Wellness	Personal Trainer (BandW)	XI
	Beauty & Wellness	(New Job Role)	XII
7	Construction	Assistant Mason	IX
	Construction		X
	Construction	Brick Mason (Electives:	XI
	Construction	General/ Plastering)	XII
	Construction		
	Construction	Construction Painter and	XI
	Construction	Decorator	XII
	Construction	Draughtsman-Mechanical	IX
	Construction	(New Job Role)	X
	Construction	Draughts person (Civil	XI
	Construction	Works)	XII
8	Electronics & HW	Junior Field Technician -	IX
	Electronics & HW	Home Appliance	X
	Electronics & HW	Solar Panel Installation	XI
	Electronics & HW	Technician (New Job Role)	XII
	Electronics & HW	Drone Service Technician	XI
	Electronics & HW	(New Job Role)	XII
	Electronics & HW	Field Technician – Other	XI
	Electronics & HW	Home Appliances	XII
	Electronics & HW	Field Technician - Wireman	XI
	Electronics & HW	Control Panel	XII
	Electronics & HW	Field Technician – Air	XI
	Electronics & HW	Conditioner	XII
	Electronics & HW	“Installation Technician Computing and Peripherals”, renamed as “Assistant Installation Computing and Peripherals” and shifted to	XI
	Electronics & HW	Class IX-X from Class XI- XII	XII
	Electronics & HW	Solar PV Installer-Civil	XI
	Electronics & HW	(New Job Role)	XII
	Electronics & HW	CCTV Installation	XI
	Electronics & HW	Technician (New Job Role)	XII
9	Food Industry	Jam, Jelly and Ketchup	IX
	Food Industry	Processing Technician	X
	Food Industry	Ice Cream Processing	XI
	Food Industry	Technician (New Job Role)	XII
	Food Industry	Soya Products Processor	XI
	Food Industry	(New Job Role)	XII
	Food Industry	Craft Baker	XI
	Food Industry		XII
	Food Industry	Baking Technician/	XI
	Food Industry	Operative	XII
	Food Industry	Food Analyst (New Job	XI
	Food Industry	Role)	XII
	Food Industry		XI
	Food Industry		

	Food Industry	Dairy Processing Equipment Operator (New Job Role)	XII
	Food Industry	Millet Products Processor	XI
	Food Industry	(New Job Role)	XII
10	Handicrafts and Carpets	Jute Products Artisan (New Job Role)	XI
	Handicrafts and Carpets		XII
	Handicrafts and Carpets	Bamboo Work Artisan (New	XI
	Handicrafts and Carpets	Job Role)	XII
	Handicrafts and Carpets	Papier Mache Products	XI
	Handicrafts and Carpets	Artisan (New Job Role)	XII
11	Healthcare	Home Health Aide Trainee	IX
	Healthcare		X
	Healthcare	General Duty Assistant	XI
	Healthcare	Trainee	XII
	Healthcare	Yoga Therapy Assistant	XI
	Healthcare	(New Job Role)	XII
	Healthcare	Telehealth Services	XI
	Healthcare	Coordinator (New Job Role)	XII
	Healthcare	Panchakarma Technician	XI
	Healthcare	(New Job Role)	XII
	Healthcare	Geriatric care Assistant	XI
	Healthcare	(New Job Role)	XII
	Healthcare	Medical Records Assistant	XI
	Healthcare	(New Job Role)	XII
12	IT-ITeS	Domestic Biometric Data	IX
	IT-ITeS	Operator	X
	IT-ITeS	Domestic Data Entry	IX
	IT-ITeS	Operator	X
	IT-ITeS	Junior Software Developer	IX
	IT-ITeS		X
	IT-ITeS	CRM Domestic Voice	XI
	IT-ITeS		XII
	IT-ITeS	Data Annotator (New Job	XI
	IT-ITeS	Role)	XII
	IT-ITeS	Web Developer (New Job	XI
	IT-ITeS	Role)	XII
	IT-ITeS	Artificial Intelligence	XI
	IT-ITeS	Assistant (New Job Role)	XII
	IT-ITeS	Junior Cyber Security	XI
	IT-ITeS	Associate (New Job Role)	XII
	IT-ITeS	Artificial Intelligence	IX
	IT-ITeS	Associate (New Job Role)	X
	IT-ITeS	Junior Cloud Computing	XI
	IT-ITeS	Associate (New Job Role)	XII
	IT-ITeS	Certified Cloud Computing	IX
	IT-ITeS	and Virtualization Expert	X
		(New Job Role)	

	IT-ITeS	Cyber Security Assistant (New Job Role)	XI
	IT-ITeS		XII
<b>13</b>	Media & Entertainment	Storyboard Artist	IX
	Media & Entertainment		X
	Media & Entertainment	Roto Artist	XI
	Media & Entertainment		XII
	Media & Entertainment	Character Designer (New Job Role)	XI
	Media & Entertainment		XII
	Media & Entertainment	Texturing Artist	XI
	Media & Entertainment		XII
	Media & Entertainment	Animator (New Job Role)	XI
	Media & Entertainment		XII
<b>14</b>	Office Administration & Management	Office Assistant (New Job Role)	IX
	Office Administration & Management		X
	Office Administration & Management	Secretary (New Job Role)	XI
	Office Administration & Management		XII
	Office Administration & Management	Security Guard	XI
	Office Administration & Management		XII
	Office Administration & Management	Personal Security Officer (New Job Role)	XI
	Office Administration & Management		XII
	Office Administration & Management	Office Executive (New Job Role)	XI
	Office Administration & Management		XII
	Office Administration & Management	Office Operations Executive (New Job Role)	XI
	Office Administration & Management		XII
<b>15</b>	Plumbing	Assistant Plumber- General	IX
	Plumbing		X
	Plumbing	Plumber - General	XI
	Plumbing		XII
	Plumbing	Advanced Plumbing Technician (New Job Role)	XI
	Plumbing		XII
<b>16</b>	Power	Consumer Energy Meter Technician	IX
	Power		X
	Power	Distribution Lineman – This Job role’s name has been changed from “Distribution Lineman” to “Lineman Distribution Technician”	XI
	Power		XII

	Power	Cable Jointer Electrical Power System –	XI
	Power	No qualification code on NQR website and the name is written as Cable Jointer (ATS)	XII
	Power	Junior Technician- Solar EV	XI
	Power	Charging Station (New Job Role)	XII
	Power	Solar EV Charging	XI
	Power	Entrepreneur (New Job Role)	XII
<b>17</b>	Private Security	CCTV Video Footage	XI
	Private Security	Auditor (New Job Role)	XII
<b>18</b>	Retail	Retail Store Operations	IX
	Retail	Assistant	X
	Retail	Retail Cashier	IX
	Retail		X
	Retail	Retail Sales Associate	IX
	Retail		X
	Retail	Retail Trainee Associate	IX
	Retail		X
	Retail	Service Fulfillment	XI
	Retail	Executive (New Job Role)	XII
<b>19</b>	Sports, Physical Education,	Physical Education Assistant (Early Years)	IX
	Sports, Physical Education, Fitness & Leisure		X
	Sports, Physical Education, Fitness & Leisure	Physical Education Assistant (Primary Years)	IX
	Sports, Physical Education, Fitness & Leisure		X
	Sports, Physical Education, Fitness & Leisure	Fitness Trainer	XI
	Sports, Physical Education, Fitness & Leisure		XII
	Sports, Physical Education, Fitness & Leisure	Sports Masseur (New Job Role)	IX
	Sports, Physical Education, Fitness & Leisure		X
	Sports, Physical Education, Fitness & Leisure	Self-Defense Trainer (New Job Role)	XI
	Sports, Physical Education, Fitness & Leisure		XII
<b>20</b>	Telecom	Optical Fiber Splicer	IX
	Telecom		X
	Telecom	AI Devices Installation Operator (New Job Role)	IX
	Telecom		X
	Telecom	Telecom Technician – IoT	XI
	Telecom	Devices/Systems (New Job Role)	XII
	Telecom	Optical Fiber Technician	XI

	Telecom		XII
21	Tourism & Hospitality	Housekeeping Trainee	IX
	Tourism & Hospitality		X
	Tourism & Hospitality	Food and Beverage Service	IX
	Tourism & Hospitality	Assistant	X
	Tourism & Hospitality	Customer Service Executive	XI
	Tourism & Hospitality	(Meet and Greet)	XII
	Tourism & Hospitality	Counter Sales Executive	XI
	Tourism & Hospitality		XII
	Tourism & Hospitality	Guest Service Associate	XI
	Tourism & Hospitality	(Housekeeping)	XII
	Tourism & Hospitality	Food & Beverage Service -	XI
	Tourism & Hospitality	Associate	XII
	Tourism & Hospitality	Travel Advisor (New Job	XI
	Tourism & Hospitality	Role)	XII
	Tourism & Hospitality	Guest Service Associate	XI
	Tourism & Hospitality	(Front Office) (New Job	XII
	Tourism & Hospitality	Role)	
	Tourism & Hospitality	Nature Guide (New Job	XI
	Tourism & Hospitality	Role)	XII
	Tourism & Hospitality	Walk Tour Facilitator (New	IX
	Tourism & Hospitality	Job Role)	X
22	Transportation, Logistics &	Land Transportation	IX
	Transportation, Logistics &	Associate (New Job Role)	X
	Warehousing		
	Transportation, Logistics &	Documentation Executive	XI
	Warehousing		
	Transportation, Logistics &		XII
	Warehousing		
	Transportation, Logistics &	Warehouse Claims	XI
	Warehousing	Coordinator (New Job Role)	
	Transportation, Logistics &		XII
	Warehousing		
	Transportation, Logistics &	Warehouse Associate (New	XI
	Warehousing	Job Role)	
	Transportation, Logistics &		XII
	Warehousing		
	Transportation, Logistics &	E-commerce Delivery	XI
	Warehousing	Associate (New Job Role)	
	Transportation, Logistics &		XII
	Warehousing		
	Transportation, Logistics &	Supply Chain Executive	XI
	Warehousing	(New Job Role)	

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