



Green Jobs HANDBOOK

A comprehensive information handbook to foster career in Green Business.





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Hon'ble Minister of State, Government of India.
Minister of State (Independent Charge)
Skill Development and Entrepreneurship



India has a vast and youthful population that needs to be empowered with skilling, reskilling, and upskilling opportunities to fulfil their aspirations. This aligns perfectly with the vision of Hon'ble Prime Minister Shri Narendra Modi of a Viksit Bharat, a developed India where every citizen has the opportunity to thrive and contribute to our nation's prosperity. There is a constant need for new and industry aligned skills in all walks of life, and I am confident that ministry's perpetual efforts will make a tangible impact on the skilling and employment landscape."

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ABOUT • SCGJ

Skill Council for Green Jobs

Skill Council for Green Jobs (SCGJ) was established as a Society in Oct 2015 under the aegis of Ministry of Skill Development and Entrepreneurship, Government of India to address skilled manpower requirement for the emerging climate resilient technologies and India's commitment to UNFCCC. SCGJ is a Section 8 company under the Companies Act, 2013, from 3rd August 2026. SCGJ is formally recognized as an "Awarding Body" by the NCVET, the regulator of skills ecosystem in India. SCGJ is an autonomous, and industry-led organisation with a mandate to design and implement a wide range of capacity building and skilling interventions. SCGJ aims to identify the skill needs in the gambit of Green Business sectors, and implement nation-wide, industry-led, collaborative skills development and entrepreneurial development initiatives to ensure the youth are skilled as per industry standards and industry has an access to suitably trained and certified workforce. In line with the National Education Policy 2020 of India, SCGJ is also working towards introducing vocational education in Green Business sectors in Schools, ITIs, Diploma, Engineering, Universities & other educational institutions.

Industry-led • Pan India • Green Skills

Building skills for India's emerging green economy.

RECOGNITION & POSITIONING

National Council for Vocational Education and Training (NCVET) has recognised SCGJ as its Awarding Body.

OUR ROLE

The focus of SCGJ has been to establish a strong industry connect in all its areas of work. SCGJ is building on its industry connect with a government-industry interface and partnership with stakeholders from industry, labour as well as the academia. Its activities are linked to Skill India Mission, National Solar Mission, Swachh Bharat Mission and Make in India initiative of Government of India.

SECTOR INTERFACE

SCGJ is closely interacting with Ministry of New and Renewable Energy, Ministry of Environment, Forest & Climate Change, Ministry of Housing and Urban Affairs, Ministry of Jal Shakti and NITI Aayog to cater to the skilled manpower requirements for the changing scenario. Skill council for Green Jobs is working towards introducing environmentally friendly and sustainability in existing job roles as well.

SCGJ ECOSYSTEM

Government, industry and stakeholders working together to build future-ready green skills.



OUR MISSION

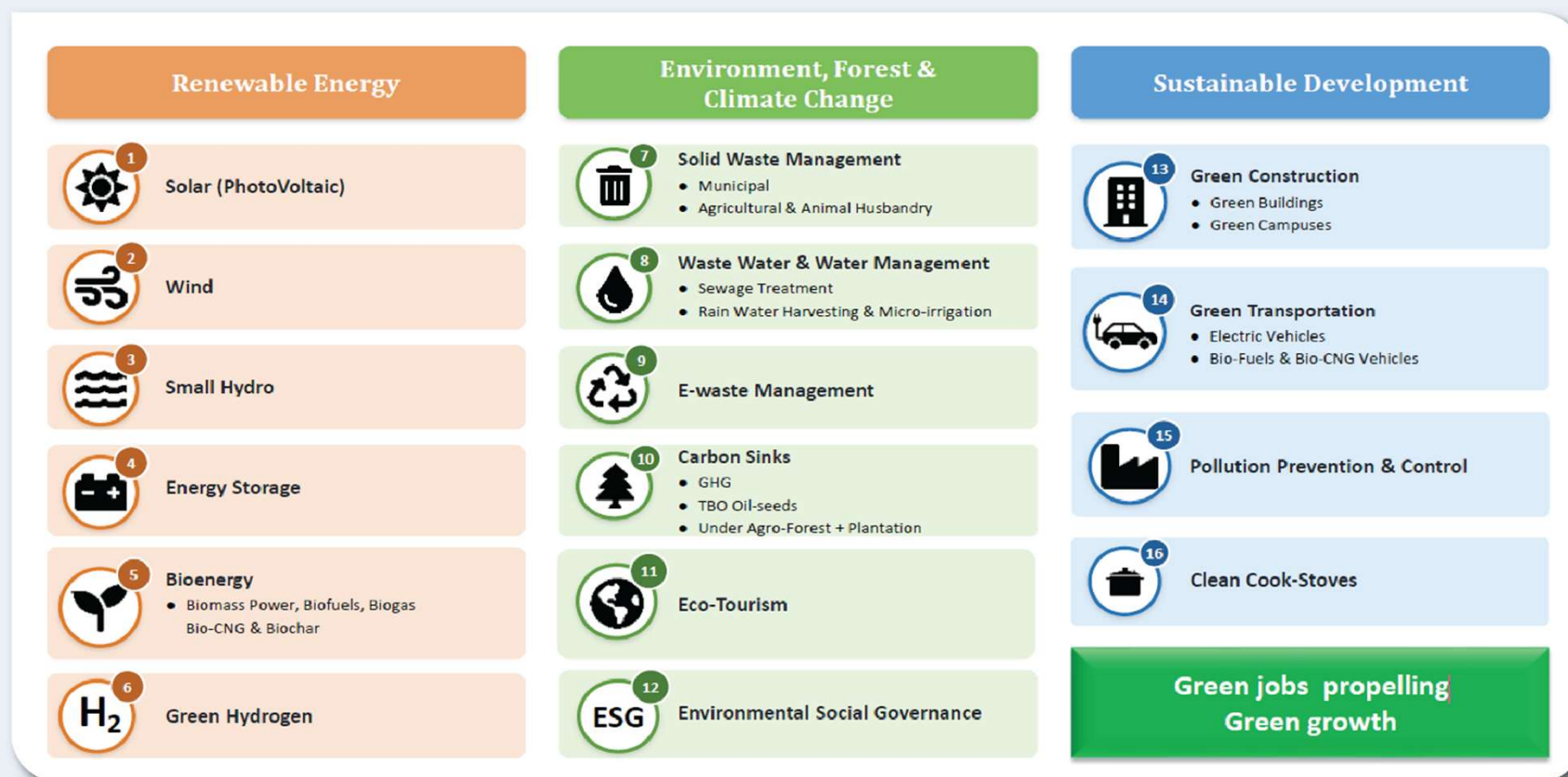
To capture the skilling needs for both service users and manufacturers/ service providers within the sector and implement a roadmap for a nation-wide, industry led collaborative skills and entrepreneur development initiatives that will enable meet India's potential for "Green Businesses".



OBJECTIVE

Quality training to meet industry expectation and to promote skill development for Green Business and energy and environment conservation.

Key Sectors under Skill Council for Green Jobs



RENEWABLE ENERGY • INDIA

50% Clean Energy by 2030

A national commitment transformed into an earlier milestone through India's clean-energy transition.

2025

MILESTONE REACHED
AHEAD OF SCHEDULE

RENEWABLE ENERGY • CLEAN POWER • GREEN GROWTH

CLEAN ENERGY MILESTONE



Shri. Narendra Modi
Prime Minister of India

“

While the world debates global warming, India had resolved to achieve 50% clean energy by 2030 yet, thanks to the commitment of its people, that goal was met by 2025.

PM Modi

INDIA

INDIA • CLIMATE ACTION

INDIA'S PATHWAY TO COMBAT CLIMATE CHANGE

India announced a clear long-term pathway toward **net-zero emissions by 2070**, backed by accelerated renewable and non-fossil energy deployment.

2070

Net-Zero Target

India will attain net-zero emissions by 2070 as part of its long-term climate pathway.

500 GW

Non-Fossil Capacity

Non-fossil energy capacity targeted to reach 500 GW by 2030.

Renewable Energy & Emissions

50% of energy requirements to be met through renewable energy by 2030, alongside a reduction of carbon emissions by 1 billion tonnes.

PANCHAMITRA @ COP26

FIVE-POINT CLIMATE PLAN

- 1 Achieve the target of net-zero by 2070.
- 2 50% of energy requirements to be met through RE by 2030.
- 3 Emissions intensity of GDP to be reduced by 45% by 2030.
- 4 Reduce 1 billion tonne of carbon emissions by 2030.
- 5 Non-fossil energy capacity to reach 500 GW by 2030.

Panchamitra — India's five-point climate action plan

UNITED NATIONS CLIMATE CONFERENCE

Hon'ble Prime Minister

Shri. Narendra Modi • COP26



India at COP26

Glasgow • Climate commitments

Renewable Energy Sector

Indian Scenario

Installed renewable-energy capacity by major source

Wind Power
58,136.89 MW

01



Wind capacity • Installed renewable power

Solar Power
164,594.75 MW

02



Solar capacity • Ground-mounted, rooftop and other applications

Small Hydro Power
5,181.76 MW

03



Small hydro • Renewable generation from small hydro projects

Bio Power
11,748.56 MW

04



Bio power • Biomass and waste-to-energy resources

SOLAR

Solar – Ground Mounted
122,570 MW (122.57 GW)

Solar – Grid Connected Rooftop
30,740 MW (30.74 GW)

SOLAR APPLICATIONS

Solar – Hybrid Projects (Solar Component)
4,770 MW (4.77 GW)

Solar – Off-Grid
6,510 MW (6.51 GW)

HYDRO & BIOMASS

Small Hydro Power
5,181.76 MW

Biomass (Bagasse) Cogeneration
9,821.32 MW

Biomass (Non-Bagasse) Cogeneration
1,048.84 MW

WASTE-TO-ENERGY

Off-Grid
554.16 MW

Grid Connected
324.24 MW

**Renewable
Energy Sector**
Indian Scenario

Sources: Ministry of New & Renewable Energy (MNRE); Central Electricity Authority (CEA); Ministry of Power; NITI Aayog. Latest capacity data: 31 July 2026.

India's Power Sector 2026 - 2047

Installed capacity is moving rapidly toward solar, wind and storage — while coal remains the dominant source of electricity generation.

LATEST CEA + NITI AAYOG VIEW

Installed generation capacity

GW • current capacity compared with CEA's latest medium-term planning trajectory

2026

ACTUAL



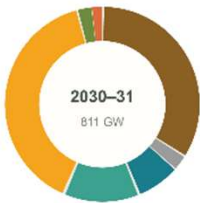
June 2026
548.9 GW

Coal + lignite	42.0%
Gas + diesel	3.8%
Hydro + PSP	9.5%
Wind	10.6%
Solar	29.5%
Biomass + other RE	3.1%
Nuclear	1.6%

Solar: 162 GW — about 30% of installed capacity.
Non-fossil capacity is above 54%.

2030-31

CEA PLAN



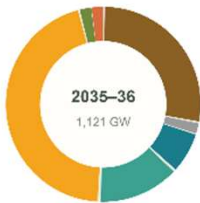
2030-31
811 GW

Coal + lignite	34.0%
Gas	2.5%
Hydro	7.3%
Wind	12.7%
Solar	39.6%
Other RE	2.3%
Nuclear	1.7%

Solar: 320 GW — the largest individual
installed-capacity source in the CEA trajectory.

2035-36

CEA PLAN



2035-36
1,121 GW

Coal + lignite	28.1%
Gas	1.8%
Hydro	7.0%
Wind	13.8%
Solar	45.4%
Other RE	2.0%
Nuclear	2.0%

Solar: 509 GW + wind: 155 GW.
Storage becomes a major system requirement.

The transition in four numbers

162 GW

Solar capacity • June 2026

54.2%

Non-fossil share of installed capacity

60 GW

BESS + PSP power capacity • around 2030-31

1,121 GW

CEA projected total capacity • 2035-36

FY2024-25 electricity generation

BU • latest complete financial-year mix



Key distinction: renewables dominate capacity growth, but coal still
supplied about 73% of electricity in FY2024-25.

RENEWABLE ENERGY

Key Sectoral Strengths

A strong foundation for the next generation of green jobs and investment.



Abundant RE Potential

Solar: 750 GW · Wind: 695 GW
Bio-energy: 42 GW · Waste-to-Energy: 5.65 GW



Strong Policy Backing

Electricity Act, NDCs and state-level policies supporting renewable energy deployment.



Robust Grid Infrastructure

One Nation–One Grid and Green Energy Corridors enabling renewable integration.



Domestic & International Capital

Proven, sustainable and increasingly profitable business models attract investment.



State-of-the-art Manufacturing

Established wind ecosystem, with solar manufacturing capacity expanding.



Strong Institutional Framework

Dedicated ministries, regulators and renewable-energy implementing agencies.



Counter-Party Framework

Contractual frameworks and payment-security mechanisms strengthen market confidence.



Rich Industry Experience

Capabilities across skills, regulations, project development and financing.

Potential estimates are likely to increase significantly with improvements in efficiency, land-use optimisation, and related advances.



Goals & Plan for a Renewable Energy-led India

2047
VISION HORIZON

01

Energy Independence and Security

Strengthening long-term energy resilience.

02

Energy-sector Decarbonization

Accelerating the clean-energy transition.

03

Self-sufficiency in RE Technologies

Building domestic manufacturing capability.

04

Global Green Hydrogen Hub

Production, deployment and exports.

Government Plan Programmatic Interventions

01 National Green Hydrogen Mission

02 Interventions to promote domestic manufacturing of RE equipment

03 Innovative market mechanisms for renewable energy

04 Policies and regulations to promote decarbonization and circularity across value chains

05 Scaling up programmes for off-shore wind, waste-to-energy, DRE, farmers (KUSUM) and rooftop solarization

06 Strategic bilateral and multilateral partnerships on technology, finance and trade

07 Measures to build supply chains for critical materials and components

08 Strengthening institutional capacity and industrial competitiveness

Renewable Energy Projections by 2047

2047
VISION HORIZON

Key projections



1,125 GW

Installed RE Capacity



50 GW¹

Equipment Manufacturing Capacity



2.5 bn. tonnes²

Emissions Averted



67%³

Share of RE in Electricity Generation



₹ 50–60 Lakh Cr.⁴

Total Investment



Top 1000 Corporations⁵

All energy requirement met through RE

Allied technologies including electrolyzers, energy storage, EVs, biofuels processing units etc. to further expand manufacturing capacity and attract additional investments.

¹ Indicated annual capacity to manufacture power generation equipment (solar PV modules, wind turbines) to meet 100% of new-build of connected demand plus 20% capacity dedicated for equipment exports.

² Based on a CO₂ emissions factor of 0.8 kg/kWh, annual CO₂ emissions avoided by 1,125 GW of RE generated by 2047 as per CEA estimates.

³ RE share in installed generation capacity is projected to be >85%.

⁴ Based on BCG's analysis.

⁵ To include top 1000 companies (PSUs, private, international companies in India) by revenue from Indian operations.

⁶ MNRE Vision 2047.

Job Projections in Green Business

The Green Energy and Energy Independence vision of Government of India translates into a huge opportunity for additional job creation in multiple cross-cutting sectors.

The Green Business Sectors include Renewable Energy, Water and Waste Management, Green Buildings, Smart Cities, Green Transportation, Circular Economy and resources & energy efficiency across sectors.



Initial estimates indicate that about

3 – 3.50 crore
additional jobs will be
created across sectors
by 2047

Future sectors with high Job potential in Green Business

- 01 Green Hydrogen Energy
- 02 Floating Solar Power Plants
- 03 Off Shore Wind Power Plants
- 04 Wind-Solar Hybrid and other Renewable Energy Systems
- 05 Biomass / Biofuels / Bio-CNG Production and Supply Chain
- 06 Large Size Energy Storage
- 07 EV Charging Through Solar Energy Plants
- 08 Pollution Prevention and Control Network
- 09 E-waste Management
- 10 De-Carbonisation of Energy intensive Sectors

Key existing and emerging thematic areas for accelerating job creation



Renewable
Power Generation



Green
Hydrogen



Make in India
for the world



Energy
Storage



EV
Charging

Key drivers of employment creation



Factors driving skilling and employment opportunities
in a low carbon Indian economy

Green Jobs Opportunities Across Emerging Sectors



Building capabilities for a low-carbon economy

Emerging green sectors create opportunities for new occupations, reskilling and multi-skilling across the existing workforce.

SCGJ

Goal 2030

Building a national green-skills ecosystem through large-scale training, centres of excellence and industry-aligned workforce development.

01 **10 Lakh**
Short-term trainings in clean and green technologies

02 **20 Lakh**
Virtual, blended and market-mode upskilling and reskilling trainings across sectors

03 **20**
Centres of Excellence across India

04 **750**
Affiliated Training Centres

05 **7,500**
Certified Trainers

LONG-TERM AMBITION

SCGJ Vision 2047

Every job role will contribute to the **Green Energy Transition**.

Green Energy will be **part of every household and industry**.

Traditional job roles will be comprehensively integrated with green skills.

Unlimited job opportunities will emerge, requiring continuous upskilling.

3–3.50 crore additional jobs will be created across sectors by 2047.

Over 1.00 crore skill trainings and job facilitation will support the transition.

A workforce ready for
a green economy

VISION 2047

Future Outlook of SCGJ

A forward-looking approach to green skills—linking national missions, industry transformation and workforce readiness for the low-carbon economy.

01 · CAPABILITY

Skilling & Entrepreneur Development

Align skilling interventions with national missions including Atmanirbhar Bharat, Make in India, Solar, Hydrogen and climate action.

02 · PROCESS

Training on Carbon-Neutral Processes

Introduce customised modules on carbon-neutral processes for manufacturing and emerging green job roles.

03 · INDUSTRY

Upskilling the Existing Workforce

Partner with industry to green existing jobs through energy efficiency, material efficiency and waste management.

04 · EDUCATION

Educational Partnerships

Work with educational institutions and schools to integrate vocational learning with the New Education Policy.

05 · GLOBAL LEARNING

Adopt Global Best Practices

Identify proven zero-emission practices across large production units, SMEs, industrial clusters and farms—and convert them into scalable training modules and delivery platforms.



FUTURE-READY WORKFORCE

From green skills to green growth.

SCGJ OUTLOOK 2047

Preparing people for the technologies shaping tomorrow.

Hydrogen · Clean mobility · Circular economy
Energy efficiency · Renewable power



Qualifications in Green Business

Present & Future

1

Solar PV Installer (Suryamitra)Version
v4.0
Valid Until
30.05.2027**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	420 hrs	SGJ/Q0101	QG-04-ES-02628-2024-V2-SCGJ	18+

Qualification Description

Solar PV Installer checks, adopts, implements, configures, installs, inspects, tests and commissions different components of photovoltaic systems, that meet the performance and reliability needs of customers by incorporating quality craftsmanship and complying with all applicable codes, standards and safety requirements.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

12th grade Pass (Science) or Equivalent with NA experience; OR 10th grade pass with 3 Years of experience in Renewable energy/power sector; OR 10th grade pass with 2 years NTC/NAC/CITS or equivalent in relevant trade with NA experience; OR Previous relevant Qualification of NSQF Level 3.5 (Solar PV Site Survey Assistant)



2

Solar PV Installer – ElectricalVersion
v4.0
Valid Until
30.05.2027**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	390 hrs	SGJ/Q0102	QG-04-ES-02629-2024-V2-SCGJ	16+

Qualification Description

Solar PV Installer - Electrical installs, tests and commissions different electrical components of photovoltaic systems, that meet the performance and reliability needs of customers. The work is performed by incorporating quality craftsmanship while complying with all applicable codes, standards and safety requirements.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

12th grade Pass (Science or Equivalent) with NA Experience; OR 10th grade pass with 3 Years Experience in Renewable energy/power sector; OR 10th grade pass with 2 years NTC/NAC/CITS in relevant trade with NA Experience; OR Previous relevant Qualification NSQF Level 3.5 (Solar PV Site Survey Assistant) with 1.5 years Renewable energy/power sector experience.



3

Rooftop Solar Grid Junior EngineerVersion
v4.0
Valid Until
29.05.2027**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
5	540 hrs	SGJ/Q0106	QG-05-ES-02627-2024-V2-SCGJ	19+

Qualification Description

Rooftop Solar Grid Junior Engineer checks, inspects, interconnects and tests different components of the grid connected Solar rooftop PV Power Plant in compliance with all relevant codes, standards and safety requirements.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

Completed 4 year UG program (UG Diploma in Electrical/Electronics or equivalent) with NA experience; OR 12th grade Pass with 1 year of NTC/NAC in relevant trade; OR 10th grade pass with 3-year Diploma in Electrical/Civil/Mechanical Engineering; OR Previous relevant Qualification of NSQF Level 4.5



4

Solar PV Installation HelperVersion
v4.0
Valid Until
29.05.2027**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
2	270 hrs	SGJ/Q0111	QG-02-ES-02632-2024-V2-SCGJ	16+

Qualification Description

Solar PV Installation Helper assists in performing the site survey, erection, commissioning activities along with maintenance activities for solar PV power plants and off grid solar systems.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

Ability to read and write with 1 Year of relevant experience in solar/power sector



5

Solar Water Pumping Junior Engineer

Version
v4.0
Valid Until:
29.05.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
5	540 hrs	SGJ/Q0112	QG-05-ES-02631-2024-V2-SCGJ	19+

Qualification Description

A Solar Water Pumping Junior Engineer specializes in the design, installation and commissioning of the solar PV power plant, its quality assurance and Health & Safety issues. He/she also specializes in designing, installation and commissioning of solar water pumping systems.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Completed 2nd year of UG (UG Diploma) (Electrical/Electronics or equivalent) with NA Experience; OR 12th grade pass with 1 year NTC/NAC in relevant trade with 1.5 years renewable energy/power sector experience; OR Completed 3 year diploma after 10th (Any Engineering stream) with 1.5 years renewable energy/power sector experience; OR Previous relevant Qualification of NSQF Level 4.5 with 1.5 years renewable energy/power sector experience.



SCAN TO KNOW MORE
DETAILS

6

Solar PV Module Manufacturing Technician

Version
v4.0
Valid Until:
29.05.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	420 hrs	SGJ/Q0119	QG-04-ES-02633-2024-V2-SCGJ	18+

Qualification Description

Solar PV Module Manufacturing Technician cleans and checks the front glass cover for the PV module; monitors the process of soldering solar cells to the strings to make interconnect, lamination of modules, framing of solar PV module, module testing and packaging for transit.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade Pass (Science or equivalent) with 1 Year relevant experience in renewable energy/power sector; OR 10th grade pass with 3 Years relevant experience in renewable energy/power sector; OR 10th grade pass with 2 Years experience of NTC/NAC/CITS or equivalent in relevant trade; OR Previous relevant Qualification of NSQF Level 3.5



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7

Solar Lighting Assembler

Version
v4.0
Valid Until:
29.05.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	450 hrs	SGJ/Q0201	QG-04-ES-02630-2024-V2-SCGJ	18+

Qualification Description

A Solar Lighting Assembler assembles, tests and repairs different types of solar photovoltaic (SPV) lamps adhering to basic electrical standards.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade Pass (science or equivalent); OR 10th grade pass with 2 years NTC/NAC/CITS or equivalent in relevant trade with NA experience; OR 10th grade pass with 3 Years experience in Renewable energy/power sector/light assembling; OR Previous relevant Qualification of NSQF Level 3.5



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8

Agrivoltaics Installer Electrical

Version
v1.0
Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	510 hrs	SGJ/Q0122	QG-04-ES-02029-2024-V1-SCGJ	16+

Qualification Description

Agrivoltaics Installer Electrical is responsible for installation, operation and maintenance of solar photovoltaic systems for producing power and suitable crops at the project site.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade Pass (or equivalent) with NA experience; OR Pursuing 3rd year of 3-year diploma after 10th (Electrical/Mechanical) with NA experience; OR 10th grade pass; OR Previous relevant Qualification of NSQF Level 3.5



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9

Junior Technician - Solar Cold Storage

Version:

Valid Until:
11.03.2029**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
3	330 hrs	SGJ/Q4002	QG-03-GJ-05083-2025-V1-SCGJ	16+

Qualification Description

Junior Technician-Solar Cold Storage performs installation along with operations and maintenance (O&M) of a solar cold storage/cold room solution while meeting the performance and reliability needs of customers by incorporating quality craftsmanship and complying with all applicable industry standards, quality and safety requirements.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

8th Class Pass + NTC (2 years); OR Class 10th Pass; OR Previous relevant Qualification of NSQF Level 2 (e.g. Solar PV Project Helper) with 1 year of relevant experience



10

Solar Cold Storage Entrepreneur

Version:

Valid Until:
11.03.2029**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	390 hrs	SGJ/Q1802	QG-04-GJ-05085-2025-V1-SCGJ	16+

Qualification Description

Solar Cold Storage Entrepreneur sets up an enterprise with an aim to provide a service (to Farmers/FPOs etc) for storing perishable agricultural and horticultural produce for increasing their shelf life and realise better price of the produce. This entrepreneur shall use an innovative solar based cold storage solution that can also be powered through the Grid and has thermal energy storage for providing backup during non-sunny hours.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

10th Class Pass + NTC (1 year after Class 10th) with 1 year relevant experience; OR 10th Class Pass + NTC (2 years after Class 10th); OR 10th Class Pass with 3 Year Diploma; OR 12th Class Pass with 6 months relevant experience; OR Certified on relevant NSQF Level 3 with 2 years relevant experience



11

Junior Technician - Solar EV Charging Station

Version:

1.0

Valid Until:
24.02.2029**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
3	330 hrs	SGJ/Q4001	QG-03-GJ-05058-2025-V1-SCGJ	16+

Qualification Description

Junior Technician - Solar EV charging station performs tasks while ensuring safety, quality and good workmanship for installation, usage along with O&M of solar powered Electric Vehicle (EV) charging station as per standard industry practices.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

8th Class Pass + NTC (2 years); OR 10th Class Pass; OR Certified on relevant NSQF Level 2 (e.g. Solar PV Project Helper) with 2 years relevant experience



12

Solar EV Charging Entrepreneur

Version:

Valid Until:
11.03.2029**Qualification Overview**

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	390 hrs	SGJ/Q1801	2022/ES/SCGJ/06462	16+

Qualification Description

Solar EV Charging Entrepreneur sets up an enterprise with an aim to provide a charging service to EV users while utilising solar energy (along with Grid power). This entrepreneur shall establish, setup and operate solar integrated EV charging stations for charging of electric vehicles at various locations to enable faster adoption of EVs across the country by ensuring safe, reliable, accessible, low cost and sustainable EV charging infrastructure.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

10th Class Pass + NTC (1 year after Class 10th) with 1 year relevant experience; OR 10th Class Pass + NTC (2 years after Class 10th); OR 10th Class Pass with 3 Year Diploma with no experience; OR 12th Class Pass with 6 months relevant experience; OR Certified on relevant NSQF Level 3 with 2 years relevant experience



13

Solar Enterprise Assistant Manager

Version:
v1.0
Valid Until:
31.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
5	510 hrs	SGJ/Q2601	QG-05-ES-01754-2023-V1-SCGJ	21+

Qualification Description

This course supports industry players for implementation of solar projects across the country. It enhances knowledge in Solar Energy Technologies and its applications. The participants learn theory and practical sessions for quality aspects (qualitative and quantitative measurement). Course covers both Theoretical and Practical sessions on the importance of solar energy applications.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

UG Diploma; OR 12th + 2-year diploma in relevant field with 1 year relevant experience; OR 10th + 3-year diploma in relevant field with 1 year relevant experience; OR Previous relevant Qualification of NSQF Level 4 with 3 years relevant experience



SCAN TO KNOW MORE
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14

Solar Photovoltaic Entrepreneur

Version:
v1.0
Valid Until:
08.05.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4	480 hrs	SGJ/Q0901	QG-04-ES-04052-2025-V2-SCGJ	21+

Qualification Description

Solar Photovoltaic Entrepreneur is an individual who ventures into Solar market to lead an enterprise. He/She has the understanding of solar business models, market, technical knowledge of rooftop solar PV plants, along with components procurement and financing. Solar Photovoltaic Entrepreneur can prepare the feasibility study report and perform basic energy generation forecasting using simulation software and is also responsible for the managing the complete Solar PV project lifecycle.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th Grade pass or equivalent; OR 10th Grade pass with 3-year relevant experience in Renewable energy/Solar PV sector; OR Previous relevant Qualification of NSQF Level 3.5 with 1.5-year relevant experience in Renewable energy/Solar PV sector; OR Previous relevant Qualification of NSQF Level 3.0 with 3-year relevant experience in Renewable energy/Solar PV sector



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Green Hydrogen

15

Green Hydrogen Plant Technician

Version

Valid Until:
11.03.2029

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	420 hrs	SGJ/Q0120		18+

Qualification Description

Green Hydrogen Plant Technician shall perform testing, installation and facility integration of electrolyser, repairs, troubleshooting, upkeep and maintenance of electrical control systems, protection systems, and other auxiliary equipment and associated tools in Green hydrogen generation facilities.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th Grade; OR Completed 2nd year of 3-year diploma (after 10th) and pursuing regular diploma; OR 11th grade pass and pursuing continuous schooling; OR 10th Grade Pass with 2 year relevant experience; OR Previous relevant Qualification of NSQF Level 3.0 with minimum 8th Grade pass and 3 year relevant experience



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16

Green Hydrogen Plant Entrepreneur

Version

Valid Until:
24.02.2029

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
5	480 hrs	SGJ/Q0121		18+

Qualification Description

Green Hydrogen Plant Entrepreneur would identify the potential market and the client needs/requirements to propose the right kind of technically and economically feasible solution to set up green hydrogen plant. He/she is also expected to undertake specific works/sub component installations of a green hydrogen plant.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Pursuing 2nd year of UG and continuous education; OR Pursuing 2nd year of 2-year diploma after 12th; OR 12th pass with 1 year Vocational Education & Training (NTC or NAC or CITs); OR Completed 3 year diploma after 10th with 1 year relevant experience; OR 10th Grade pass with 4 years relevant experience; OR Previous relevant Qualification of NSQF Level 4 with 2 years relevant experience



SCAN TO KNOW MORE
DETAILS

17

Electrolyzer Manufacturing Plant Technician

Version

Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	420 hrs	SGJ/Q4306	QG-04-ES-02027-2024-V1-SCGJ	18+

Qualification Description

Electrolyzer Manufacturing Plant Technician is responsible for supporting the safe, efficient, and high-quality production of electrolyzer system. Their work is essential to provide technical support to maintain the manufacturing process of electrolyzer and meeting production goals while adhering to safety and environmental standards.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade pass or equivalent; OR Pursuing 3rd year of 3 years diploma (Electrical/Mechanical/Chemical) (after 10th); OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years experience in renewable energy/power/energy/hydrogen



SCAN TO KNOW MORE
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18

Electrolyzer Manufacturing Plant Supervisor

Version

Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
5	510 hrs	SGJ/Q4305	QG-05-ES-02028-2024-V1-SCGJ	18+

Qualification Description

Electrolyzer Manufacturing Plant Supervisor responsibility involves overseeing various aspects of the electrolyzer manufacturing process to ensure efficiency, safety, and quality. Their work is essential to maintaining the manufacturing process and meeting production goals while adhering to safety and environmental standards.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade pass or equivalent with 3.5 years experience in renewable energy/power sector/energy sector/hydrogen; OR 10th grade pass + 3 year Diploma in relevant field with 3 years relevant experience; OR Previous relevant qualification of level 4.5 with 1.5 years relevant experience in renewable energy/power sector/energy sector/hydrogen



SCAN TO KNOW MORE
DETAILS

Green Hydrogen

19

Fundamentals of Financing for Green Hydrogen Project

Version

Valid Until:
14.03.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
6	30 hrs	SGJ/MCr-0004	NM-06-ES-02253-2024-VI-SCGJ	18+

Qualification Description

This micro credential is designed to conduct techno-economic analyses of Green Hydrogen/Green Ammonia projects and perform project due diligence to facilitate financing, playing a crucial role in securing low-cost capital for these projects. This micro credential meets the requirements of key industry stakeholders such as project developers and financing institutions, helping them navigate the complexities of project finance for such infrastructure projects.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Pursuing 1st year of 1 year or 2-year PG program in commerce/business administration/economics/science or related discipline; OR Pursuing 4th year B Tech/BE in any engineering discipline; OR Completed 3-Year Under Graduate Degree in Commerce/Business Administration/Applied Sciences/Finance/Economics or related discipline with 1.5 years relevant experience in project finance/banking/consulting/energy or infrastructure sector



SCAN TO KNOW MORE
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21

Fundamentals of Hydrogen Fuel Cell

Version

Valid Until:
16.12.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	30 hrs	SGJ/Mcr-0009	NM-04-ES-03452-2024-VI-SCGJ	18+

Qualification Description

The micro credential offers an in-depth exploration of the concepts and practical applications of hydrogen fuel cells. It aims to provide a solid understanding of hydrogen fuel cell technology, its components, operation, maintenance, and safety aspects. This upskilling primarily focuses on existing operators of Diesel Generator or professionals working on internal combustion engine.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade pass from science stream or equivalent; OR 11th grade pass with 1.5 year relevant experience; OR 10th grade pass with 3 years relevant experience; OR Previous relevant qualification of NSQF level 3.5 with 1.5 years relevant experience; OR Previous relevant qualification of NSQF level 3.0 with 3 years relevant experience



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20

Overview of Instrumentation and Control for Green Hydrogen Plant

Version

Valid Until:
14.03.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
6	30 hrs	SGJ/MCr-0005	NM-06-ES-02254-2024-VI-SCGJ	18+

Qualification Description

This micro credential is designed to undertake trainings on instrumentation & process control operations of Green Hydrogen/Green Ammonia production system, as per applicable norms and standards. Trainees will develop an understanding of interpreting equipment datasheets and drawings like piping and instrumentation and accordingly will be responsible for incorporating critical design and engineering aspects vital for guaranteeing the safe operation of green hydrogen production facilities.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Pursuing 4th year BE/BTech/UG (Hon) (Instrumentation/Chemical or related discipline); OR Completed 3-year Under Graduate Degree (B.Sc. in Chemistry) with 1.5 years experience in hydrogen or other process gas industry or instrumentation & control; OR Previous relevant Qualification of NSQF Level 5 with 3 years experience in hydrogen, other process gas industry and instrumentation



SCAN TO KNOW MORE
DETAILS

22

Fundamentals of Business Development For Hydrogen Fuel

Version

Valid Until:
16.12.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
5.5	30 hrs	SGJ/MCr-0012	NM-5.5-ES-03453-2024-VI-SCGJ	18+

Qualification Description

The micro-credential course targets professionals in the hydrogen fuel cell industry, providing fundamental knowledge and practical skills for business development. It covers hydrogen fuel cell technology, market analysis, business planning, investment opportunities, and communication and Presentation Skills. Participants will also learn marketing, sales strategies, and methods for identifying and evaluating business opportunities and partnerships.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Completed UG or equivalent in Commerce/Business Administration/Applied Sciences/Science/Finance/Economics/Engineering; OR Pursuing 3rd year of 3-year/4-years Undergraduate (UG) degree in Commerce/Business Administration/Applied Sciences/Science/Finance/Economics/Engineering; OR Completed 3rd year UG Diploma after 10th with 1.5 years Renewable energy/Automotive/Power Industry/Technical Sales; OR Completed 1st Year of UG Certificate with 3 years Renewable energy/Automotive/Power Industry/Technical Sales; OR Previous relevant qualification of level 5 with 1.5 years relevant experience; OR Previous relevant qualification of level 4.5 with 3 years relevant experience



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Visit to know more

25

Essentials of Biogas Plant Operation

Version

Valid Until
12.02.2029

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4	300 (240 compulsory + 60 OJT) hrs	SGJ/MCR-0017	QG-03-ES-00911-2023-VI-SCGJ	18+

Qualification Description

This micro-credential course provides foundational knowledge and hands-on skills required for the efficient operation, maintenance, and safety management of biogas systems. Designed for technicians, plant operators, and rural entrepreneurs, the course covers essential aspects from feedstock preparation to system upkeep and safety protocols, enabling learners to support sustainable energy generation and organic waste utilization.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade Pass with NA experience; OR 10th grade pass with 3 Years relevant experience in Biomass/Bioenergy related field; OR Previous relevant Qualification of NSQF Level 3 with 3 Years relevant experience in Biomass/Bioenergy related field; OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant experience in Biomass/Bioenergy Related Field



SCAN TO KNOW MORE DETAILS

24

Circular Systems Manager

Version

v2.0

Valid Until

17.02.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
6	520 (220 compulsory + 100 mandatory OJT + 100 optional OJT + 100 experiential activities)	SGJ/Q4010	QG-06-ES-04051-2025-V2-SCGJ	23+

Qualification Description

The Learner would be appropriately able to carry out market analysis and formulate the business plan for the center. S/He will manage the overall operation of the center and ensure health and safety at the workplace. S/He would ensure compliance of applicable statutory laws, policies and procedures relating to the center. Electives: Biomass Depot, Compost Yard, or Dry Waste Center operations.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Diploma (Government recognized 3 years Diploma in relevant discipline) with 4 Years experience in relevant field; OR Post Graduation in relevant discipline with 1 year experience in relevant field; OR NSQF level 5 certified in relevant job role (e.g. Supervisor Operations and Maintenance Compressed Biogas/Waste to Energy) with 2 years relevant experience



SCAN TO KNOW MORE DETAILS

26

Basics of Animal Waste Management and Utilization

Version

Valid Until

24.11.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
3	45 hrs	SGJ/N3801	QG-03-ES-00911-2023-VI-SCGJ	18+

Qualification Description

The Course on Basics of Animal waste management and utilization provides foundational knowledge and practical skills in the collection, handling, storage, and processing of animal waste for sustainable utilization. It covers essential aspects of the animal waste supply chain, manure management, and biogas production while ensuring adherence to safety, health, and hygiene standards.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

10th grade pass with NA experience; OR 8th grade pass with 3 Years relevant experience; OR 5th grade pass with 6 Years relevant experience; OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years relevant experience; OR Previous relevant Qualification of NSQF Level 2 with 3 Years relevant experience



SCAN TO KNOW MORE DETAILS

27

GHG Accounting and Sustainability Reporting

Version
v1.0
Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
6	30 hrs	SGJ/MCr-0001	NM-06-ES-02105-2024-VI-SCGJ	16+

Qualification Description

The Micro-credential course for Greenhouse Gas (GHG) Accounting and Sustainability Reporting designed to provide participants with a comprehensive understanding of climate change issues, greenhouse gas (GHG) accounting methodologies, and reporting guidelines, particularly focusing on Business Responsibility and Sustainability Reporting (BRSR). After completing this course, the successful participants can become valuable assets in sustainability domain, equipping them with the expertise and skills needed to perform various functions for GHG accounting and sustainability reporting including carbon footprint calculation, GHG emissions management, and sustainability reporting.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

Pursuing first year of 2 years PG program after completing 3 year UG degree in Maths/Chemistry/Physics/Management/Commerce/Economics; OR Pursuing 4th year UG degree in Engineering/Maths/Chemistry/Physics/Economics/Commerce (honours) and continuing education; OR Previous relevant Qualification of NSQF Level 5.5 with 1.5 years relevant experience



SCAN TO KNOW MORE DETAILS

29

Approaches to Carbon Accounting

Version
v1.0
Valid Until:
16.12.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4.5	30 hrs	SGJ/MCr-0008	NM-4.5-ES-03450-2024-VI-SCGJ	20+

Qualification Description

This micro credential is designed for individuals who are seeking to deepen their understanding and practical skills in carbon accounting. The course covers essential approaches to measuring and managing greenhouse gas emissions, including the use of key frameworks like the Greenhouse Gas Protocol and ISO 14064. Learners will gain hands-on experience in calculating carbon footprints, tracking emissions across Scopes 1, 2, and 3.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

As per Relevant QP



SCAN TO KNOW MORE DETAILS

28

Green Logistics Practices

Version
v2.0
Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4	30 hrs	SGJ/N4601	NG-04-ES-02095-2024-VI-SCGJ	16+

Qualification Description

This standalone NOS is designed to incorporate environmentally sustainable practices and principles into logistics education and training. This aims to train existing and future professionals in the field of logistics while emphasizing the importance of reducing environmental impacts, optimizing resources, and promoting sustainable operations within the supply chain.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

12th or Equivalent; OR 10th with 2 years relevant experience; OR 8th grade pass with 2 years NTC plus 1 year NAC plus 1 year CITS with 2 years relevant experience



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Fundamentals of ESG Compliance

Version
v1.0
Valid Until:
16.12.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4.5	30 hrs	SGJ/MCr-0010	NM-4.5-ES-03451-2024-VI-SCGJ	20+

Qualification Description

This micro-credential provides a foundational understanding of Environmental, Social, and Governance (ESG) compliance. The course is designed for individuals seeking to develop essential skills in identifying, managing, and reporting ESG factors within an organization. It covers key areas such as regulatory frameworks, risk assessment, compliance strategies, and sustainability reporting.

Trainee Qualification & Entry Criteria**Minimum Entry Requirements for Trainees**

As per Relevant QP



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31

Soil Pollution Monitoring Specialist

Version

Valid Until :
08.05.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
5.5	600 hrs		QG-5.5-ES-04263-2025-V1-SCGJ	21+

Qualification Description

The Soil Pollution Monitoring Specialist monitors and manages soil health by analyzing composition, quality, and pollution levels. The role includes soil classification, sampling, and data analysis using statistical and GIS tools. Specialists also develop pollution mitigation strategies and promote advanced technologies for sustainable soil and environmental management.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees
As per Relevant QP



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32

Environmental Impact Assessor

Version

Valid Until :
08.05.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
5	450 hrs	SGJ/Q5201	QG-05-ES-04262-2025-V1-SCGJ	20+

Qualification Description

The Environmental Impact Assessor evaluates environmental effects of proposed projects to ensure regulatory compliance. Key responsibilities include applying EIA and audit concepts, conducting project screening and public consultations, monitoring baseline environments, and analyzing samples. The role also involves using GIS tools and predictive models, facilitating stakeholder participation, and developing Environmental Management Plans for sustainable project implementation.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees
As per Relevant QP



SCAN TO KNOW MORE DETAILS

33

EV Charging Installation Technician

Version

Valid Until :
08.05.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4.5	450 hrs	SGJ/Q4011		18+

Qualification Description

The EV Charging Installation Technician qualification provides learners with the knowledge and skills to manage the complete lifecycle of EV charging infrastructure—covering planning, installation, operation, and maintenance. The program includes training in EV science, relevant policies, digital tools like software-based charging and GPS mapping, as well as site readiness and safety protocols.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees
As per Relevant QP



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34

Junior Parataxonomist

Version

Valid Until :
08.05.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4.5	480 hrs	SGJ/Q0701		18+

Qualification Description

The Junior Parataxonomist supports biodiversity conservation through field-based identification, classification, and documentation of flora and fauna. They contribute to People's Biodiversity Registers, implement the Biological Diversity Act, 2002, support Biodiversity Management Committees, and use GIS tools for conservation planning. With knowledge of national and international biodiversity frameworks, they connect scientific data with local conservation efforts to ensure sustainable bioresource management.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees
As per Relevant QP



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35

Safai Mitra

Version
v4.0
Last Updated
29.05.2023

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
3	360 hrs	SGJ/Q6102	QG-03-ES-02634-2024-V2-SCGJ	16+

Qualification Description

Safai Mitra sweeps, cleans and removes garbage from public areas and buildings. In public areas and roads, Safai Mitra sweeps with a broom and/or other suitable equipment to remove dust, debris and garbage. In buildings, he/she sweeps the floor, scrubs the floor using appropriate cleaning solution to remove the fine dust. He/She removes the garbage and aggregates the garbage in the designated areas.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Ability to read and write with 5 Years relevant experience; OR Previous relevant Qualification of NSQF Level 2.5



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36

Biomedical Waste Management Nursing and Paramedical Staff

Version
v1.0
Last Updated
30.01.2023

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4.5	30 hrs	SGJ/MCr-0002	NM-4.5-ES-02106-2024-V1-SCGJ	18+

Qualification Description

This qualification is designed to play a crucial role in biomedical waste management by ensuring the safe handling, segregation, transportation, and disposal of waste in compliance with regulations. Their commitment to these practices is essential for maintaining a safe and healthy healthcare environment.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Completed 1st year of 3-year/4-year UG (Nursing/Paramedical/BSc Science); OR Completed 1st year of 2-year diploma (Medical Laboratory Technology/Nursing) after 12th; OR 12th Grade Pass with 1 year relevant experience; OR Previous relevant Qualification of NSQF Level 4 with 1.5 Years Relevant experience



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37

Waste Optimisation Professional

Version
v1.0
Last Updated
30.01.2023

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
6	570 hrs	SGJ/Q5002	QG-06-ES-01755-2023-V1-SCGJ	21+

Qualification Description

The course will facilitate management of various categories of waste (e.g., solid waste, plastic, biomedical waste, e-waste, C&D waste etc.) including source segregation, collection, disposal, processing and recycling. India is facing major environmental challenges associated with waste generation and inadequate waste collection, transport, treatment and disposal.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

4-year UG in relevant field with 1 year relevant experience; OR 3-year UG in relevant field with 2 year relevant experience; OR 12th + 2 year diploma in relevant field with 3 year relevant experience; OR Previous relevant Qualification of NSQF Level 5.5 with 1.5 years relevant experience



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38

Material Recovery Facility (MRF) Micro-Entrepreneur

Version
v1.0
Last Updated
30.08.2024

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	420 hrs	SGJ/Q403	QG-04-ES-00913-2023-V1-SCGJ	16+

Qualification Description

Material Recovery Facility (MRF) Micro - Entrepreneur sets up a MRF unit for segregating collected waste in the form of paper, cardboard, plastic, metal, glass, etc. He/she collaborates with waste collectors, aggregators, recyclers, etc for buying and selling waste material. He/she is responsible for financial management, people management, networking, market analysis and overall maintenance and sustenance of the business.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

8th pass plus 2-year NTC plus 1-Year NAC plus 1-Year CITs; OR 12th grade pass; OR 10th grade pass and pursuing continuous schooling; OR 10th grade pass with 2 years NTC/NAC/CITs or equivalent; OR Pursuing 2nd year of 3-year regular Diploma (after 10th)



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39

Water Hyacinth (Value Added Products) Entrepreneur

Version
v1.0
Valid Until
08.05.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
4	30 hrs	SGJ/Q4105	QG-04-ES-04260-2025-V1-SCGJ	18+

Qualification Description

This qualification is designed to play a crucial role in biomedical waste management by ensuring the safe handling, segregation, transportation, and disposal of waste in compliance with regulations. It enhances overall healthcare quality and safety.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Completed 1st year of 3-year/4-year UG (Nursing/Paramedical/BSc Science); OR Completed 1st year of 2-year diploma (Medical Laboratory Technology/Nursing) after 12th; OR 12th Grade Pass with 1 year relevant experience; OR Previous relevant Qualification of NSQF Level 4 with 1.5 years Relevant experience



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Swacchta Saarthi

Version
Valid Until
24.11.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
3	30 hrs	SGJ/MCR-0015		18+

Qualification Description

This micro credential course is focused on empowering waste pickers and informal sector workers in Solid Waste Management. It covers SWM rules, recycling, safety, financial literacy, and entrepreneurship. The course emphasizes gender inclusivity, social security awareness, and sustainable livelihoods, using real-life case studies and government schemes to prepare learners as changemakers in urban sanitation and waste ecosystems.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Grade 10 pass with No Experience required; OR 8th Grade Pass with 3 Years experience in waste sorting & management; OR 5th Grade Pass with 6 Years experience in waste sorting & management; OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years experience in waste sorting & management



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Installation and Upkeep of Toilet Systems

Version
Valid Until
24.11.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
3	45 hrs	SGJ/N4801		18+

Qualification Description

This qualification covers crucial skills in installation, upkeep and maintenance of toilet systems including safe handling and compliance with regulations. It covers health, safety and hygiene standards for sanitation infrastructure.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Grade 10 pass with no experience; OR Grade 8 pass with 3 years relevant experience; OR 5th grade pass with 6 years relevant experience; OR Previous relevant Qualification of NSQF Level 2.5 with 1.5-years relevant experience



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42

Desludging Assistant

Version
Valid Until
24.11.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NGR CODE	ENTRY AGE
3	360 hrs	SGJ/Q6403		18+

Qualification Description

The Desludging assistant, also known as Sludge Emptier, is responsible for emptying, transport and disposal of faecal sludge from the septic tank to desludging site/Faecal Sludge Treatment Plant. He/She has to operate pumps, suction hoses and other machinery/equipment to empty the septic tank and appropriately dispose the sludge.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

Class 10th Pass or equivalent; OR 8th Class pass with 3 Years experience in masonry/plumbing work; OR 5th Class Pass with 7.5 years relevant experience in masonry/plumbing work; OR Previous relevant Qualification of NSQF Level 2.5 with 1.5 years experience in masonry/plumbing work; OR Previous relevant Qualification of NSQF Level 2 with 3 Years experience



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Waste Management

43

Effective Aggregation of Agri-Residue

Version :
Valid Until
12.02.2029

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
3	30 hrs	SGJ/Mcr-0016		

Qualification Description

Course focused on effective aggregation techniques for agricultural residue for sustainable utilization.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

As per Relevant QP (Qualification details to be confirmed)



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Essentials of Solid Waste Plant Operation

Version :
Valid Until
24.11.2028

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4	45 hrs	SGJ/N4088		18+

Qualification Description

The course covers fundamental principles of solid waste management, best practices for collection and segregation, and operation & maintenance of plastic waste management units. Additionally, it emphasizes sanitation, hygiene, health, and safety protocols to ensure a safe and sustainable working environment.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th grade Pass with NA experience; OR 10th grade pass with 3 Years relevant experience in waste collection and segregation; OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant experience in waste collection and segregation; OR Previous relevant Qualification of NSQF Level 3.0 with 3 Years relevant experience in waste collection and segregation



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Eco-Tourism

45

Nature Conservator Cum Ecotourism Guide

Version
v1.0
Valid Until
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4	420 hrs	SGJ/Q1803	QG-04-ES-01756-2023-V1-SCGJ	18+

Qualification Description

This short-term training programme covers both theoretical and practical skills. Green Skill Development contributes to preserving and restoring environmental quality for a sustainable future and includes jobs that protect ecosystems and biodiversity, reduce energy and minimize waste and pollution. The programme endeavors to develop green skilled workers having technical knowledge and commitment to sustainable development.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th or equivalent; OR 10th with 2 years relevant experience; OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant experience



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Apiculturist (Wild Bee) – NTFP (Non-Timber Forest Produce)

Version
v1.0
Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
2	240 hrs	SGJ/Q3301	QG-02-ES-01753-2023-V1-SCGJ	18+

Qualification Description

NTFP includes all the Non-Timber Forest Products that are harvested from trees, shrubs and other plants in the forests. The course covers Value Addition & Marketing of Non-Timber Forest Products (NTFPs) – (Animal Origin): Wild Beekeeping & processing. A Beekeeper is responsible for carrying out beekeeping operations which include preparing for and setting up beehives; procuring and introducing bees in hives, and maintaining the bees and beehives.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

No formal education required



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Micro-Entrepreneur – NTFP (Non-Timber Forest Produce) – Plant Origin

Version
v1.0
Valid Until:
30.01.2027

Qualification Overview

NSQF LEVEL	TRAINING HOURS	QUALIFICATION CODE	NQR CODE	ENTRY AGE
4	420 hrs	SGJ/Q3101	QG-04-ES-01752-2023-V1-SCGJ	18+

Qualification Description

NTFP includes all the Non-Timber Forest products that are harvested from trees, shrubs and other plants in the forests. The course covers (I) Coconut Shells & Fibre Handicrafts: utilization of locally available materials such as coconut leaves, coconut fibre for handicraft production and marketing. (II) Bamboo Crafts: species and products range of bamboo, operation of processing machine, conversion of bamboo, product making & product design, Bamboo boards preparation/Mud reinforced wall preparation/Roof design/Furniture making.

Trainee Qualification & Entry Criteria

Minimum Entry Requirements for Trainees

12th or equivalent; OR 10th with 2 years relevant experience; OR 10th with 2 years of NTC; OR Previous relevant Qualification of NSQF Level 3.5 with 1.5 years relevant experience



SCAN TO KNOW MORE
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SCGJ e-learning Management System (SEMS) | www.sems.training

An initiative of Skill Council for Green Jobs to facilitate online skill activities in the Green Jobs sector by aggregating all its partners on a single digital platform and then making learning activities accessible to all candidates across India.

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Key Highlights

01

Online Trainings

Dedicated portal to put information about your online trainings supported by SCGJ. TPs can spread awareness about innovative e-learning initiatives (webinars etc.)

02

Candidate Mobilization

Option for candidates to register in your e-learning activities from SEMS portal. Candidates can view Training partner details (website) before registering.

03

MCQ Tests

Feature for TPs to create online MCQ test for each e-learning activity. Option for candidates to attempt assessment test and view their result.

04

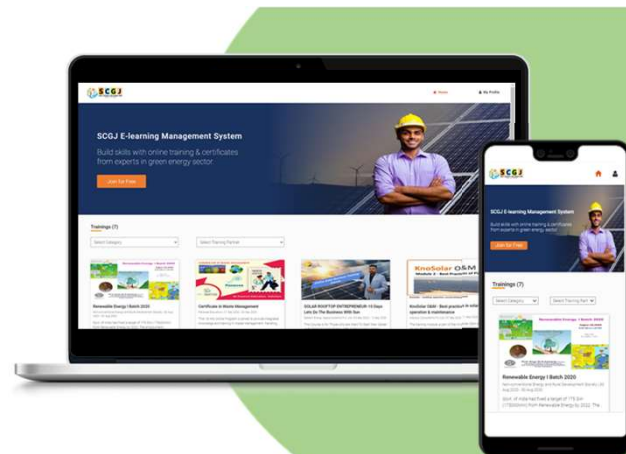
Online Training Certificate

Instant certification generation for candidates who clear assessment. Study resources related to e-training can be made accessible to students.

05

Communication Interface

Interface to interact with SCGJ for all TOT programs conducted online. Personalized TP Dashboard to monitor self performance.



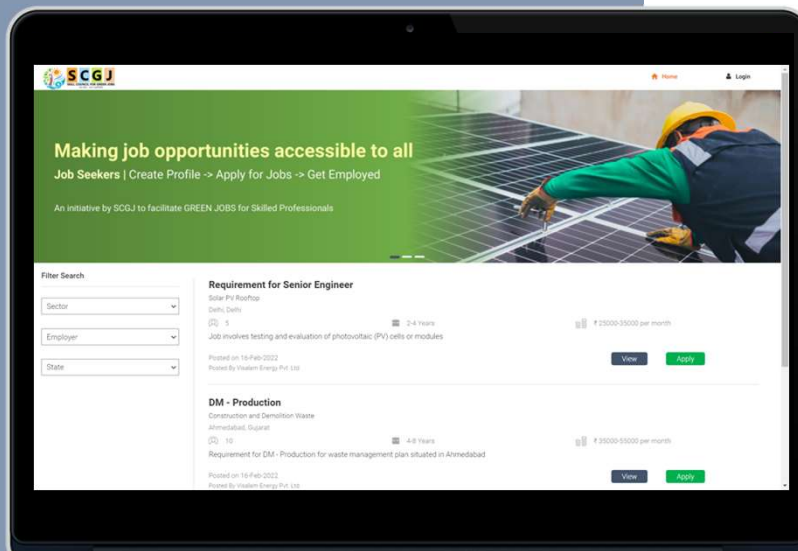
SCGJ Rozgar Portal | www.scgjrozgar.in

Skill Council for Green Job's Rozgar Portal is a unique technology intervention which makes job opportunities for skilled professional in green energy sector accessible by connecting them with coveted employers across India.

This technologically advanced solution is the brainchild of Skill Council for Green Jobs, which automates the entire talent acquisition process for employers, provides job opportunities to skilled workforce and help SCGJ make necessary interventions in Skill development activities to meet industry needs.

*Rozgar Portal will support SCGJ mission to provide **10 Lakhs Jobs by 2030***

Scan QR Code
to visit Rozgar Portal



EMPLOYER

Automates talent acquisition process for employers



CANDIDATE

Provides job opportunities to skilled workforce in green energy sector



SCGJ ADMIN

Interventions in skill development activities to meet industry needs





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