





Hon'ble Prime Minister of India,  
Shri Narendra Modi

“

*Today, the world and India need a skilled workforce. If we have to promote the development of our country then our mission has to be 'skill development' and 'Skilled India'. Millions and millions of Indian youth should acquire the skills which could contribute towards making India a modern country. I also want to create a pool of young people who are able to create jobs and the ones who are not capable of creating jobs and do not have the opportunities, they must be in a position to face their counterparts in any corner of the world while keeping their heads high by virtue of their hard work and their dexterity of hands and win the hearts of people around the world through their skills. We want to go for the capacity building of such young people. My brothers and sisters, having taken a resolve to enhance the skill development at a highly rapid pace, I want to accomplish this.*”

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# Skill Council for Green Jobs

## Annual Report 2015-16

### 1. Introduction:

Renewable Energy and Sustainable Development are the most upcoming fields for meeting future energy requirements and mitigation of climate change. The Skill Council for Green Jobs, established in 2015-16, has been constituted to address manpower requirements in these areas as this would require suitable modification in the existing industrial activities and open new avenues for power generation through new and renewable energy sources. Skill Council for Green Jobs (SCGJ) is a Not-for-Profit Organization created under the aegis of NSDC and Ministry of Skill Development & Entrepreneurship. The creation of the SCGJ was approved in the 10th meeting of National Skills Qualifications Committee held on 28th September 2015. The SCGJ has been formally registered under the Societies Registration Act XXI, 1860 on 1st October 2015.

SCGJ is acting as a bridge between the Government of India, State Governments and industry for developing strategy & implementing programmes for Skills Development, correlated to Industry needs but also aligned to best International practices.

#### Our Mission Is...

“...To identify skilling needs of service users as well as manufacturers/ service providers, within Green Businesses sector, and implement nation-wide, Industry led, collaborative skills development & entrepreneur development initiatives that will enable us to meet India’s potential for ‘Green Businesses’.”

### 1.1 Sectors under Green Jobs:

All jobs which are contributing towards sustainable development and for mitigation of climate change are categories as Green Jobs. Accordingly, the Skill Council for Green Jobs has been mandated to address following sectors:



The Skill council for Green Jobs is linked to National Solar Energy Mission, Swachh Bharat Mission, Green India Mission, Smart City and Skill India Mission and potentially impacts every urban/ rural household in India, serviced by wide spectrum of Industry (largely MSME’s) as well as rural entrepreneurs and “start up’s”. It is mandated to cater to the skilled manpower and entrepreneurs requires for the National target of adding 175 GW from renewable energy. This activity of SCGJ will directly contribute to India’s Intended National Determined Contribution (INDC) to achieve about 40 percent cumulative electric power installed capacity from non-fossil fuel based energy resources by 2030.

## 1.2 Formation of Skill Council for Green Jobs

In tune with its mission to further skill related and entrepreneurship initiatives, the Skill Council for Green Jobs (SCGJ) was launched by the Ministry of Skill Development and Entrepreneurship (MSDE) on 28<sup>th</sup> May, 2015. The Sector Skill Council was incorporated on 1<sup>st</sup> October, 2015 following approval of by the National Skills Qualification Committee on 28<sup>th</sup> September, 2015. Promoted by the Ministry of New and Renewable Energy and Confederation of Indian Industry, SCGJ is conceived as a not-for-profit,

autonomous organization to supplement the skill ecosystem as a Sector Skill Council affiliate of the National Skill Development Corporation.



The activities of SCGJ started from mid-October 2015. It has been closely interacting with Ministry of New and Renewable Energy, Ministry of Environment, Forest & Climate Change, Ministry of Urban Development, Ministry of Water Resources and Niti Aayog.

The focus of SCGJ has been to establish a strong industry connect in all its areas of work, talk to large industry to understand the manpower requirement and establish long term contacts to improve employability of trained and skilled manpower.

## 2.0 Activities of Skill Council for Green Jobs during 2015-16

The sectors which are covered under the entire gamut of “Green Businesses”, are Renewable Energy (including Solar, Wind, Small-hydro, Biomass / Biogas and Clean Cook Stoves), Green Construction, Green Transport, Carbon Sinks – Including Afforestation and Sustainable Forestry Management, Solid Waste Management, Water Management & e-Waste Management.

The scope of Green Jobs cuts horizontally across other industrial sectors. These include adoption of green technology or environment friendly practices for existing industrial processes. This can be characterized either by an environment friendly finished product of that business, or the use of environment friendly processes to develop and deliver the final product or service.

The activities of the Skill Council have been broadly categorized under following heads:

- Occupational Mapping
- Skill Gap Analysis
- Development of Qualification Packs based on Industry requirement
- Affiliating suitable training partners and assessment agencies
- Training of Trainers
- Training and certification of candidates in various domain subsectors
- Creation of Regional Centers
- Improving industry linkages in all the sub-sectors
- Improving visibility of Skill Council for Green Jobs
- Consultancy / Organizing short term training programs

SCGJ started the process of identifying the skill gaps in the renewable energy sector in manufacturing, business development and installation & maintenance. The purpose is to identify manpower requirement for the industry and the type of skill and training they require. The Occupational Mapping, Skill Gap Analysis & QP’s development of all sub-sectors is proposed to be completed by the SCGJ during the year 2016-17. SCGJ has been closely working with USAID – PACE-D program and Natural Resources Defense Council (NRDC), who is carrying out skill gap analysis in India’s renewable energy and Clean Energy market. The inputs from these studies are taken for the Skill Gap Analysis of SCGJ.

## 2.1 Linkage with Industry

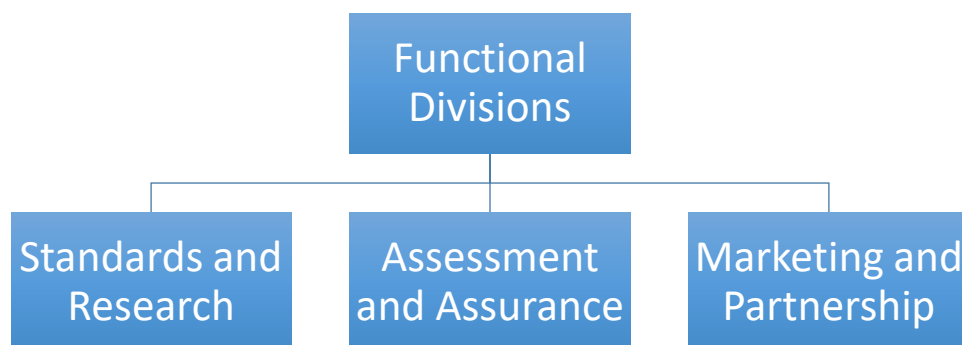
SCGJ has been developing strong industry linkage in all sub-sectors. The Governing council has representation of large and medium industry from solar, wind, Bio mass, Bio-fuel and water industry. SCGJ has established direct contact with about 100 industries to get its qualification packs validated. The strategy is to focus on the areas where projects are being implemented or in the location of manufacturing hubs. The focus of SCGJ is to have very strong industry connect, including contractors and sub-contractors, in all its areas of work. Talk to large industry to understand the manpower requirement and establish long term contacts to improve employability of trained and skilled manpower.

SCGJ has already established strategic alliances with about 20 Industries and organizations like IL&FS Skill Development Corporation, GIZ, Karnataka State Bio-fuel Development Board (KSBDB)/ Karnataka State Council for Science and Technology (KSCST), Andhra Pradesh State Skill Development Corporation (ASSDC), etc.



## 3.0 Major Responsibility and Activities of all the Divisions of SCGJ during 2015-16.

The activities of SCGJ are undertaken broadly by three Functional Divisions:



The responsibilities and achievements of the functional divisions during 2015-16 are:

### 3.1 Standards & Research Group

The Standards and Research is the Technical Wing of Skill Council for Green Jobs the major responsibility and achievements during 2015-16 of Standards and Research group are as follows:

#### Major Responsibilities:

- Occupational Mapping:
- Skill Gap Analysis
- Development of Qualification Packs based on Industry requirement
- Curriculum and Courseware Development
- Interface with bilateral and multilateral agencies
- Coordination with Universities and Colleges for NSQF alignment
- All technical matters

The Standards and Research Group develops 'National Occupational Standards' and 'Qualification Packs' as per the 'National Skills Qualification Framework' (NSQF). Since Qualification Packs are developed based on Job Roles available in the industry, this process involves extensive interface with the Sector specific industry, organizations and experts. The training is delivered in alignment with QP/NOSs developed by SCGJ. The Council has also developed Model Curriculum and Courseware for its Qualification Packs to supplement the training programs.

## Major Achievements during 2015-16

- 3.1.1 In house development of 5 Qualification Packs with 12 NOSs
- 3.1.2 Obtaining 44 industry validation for these QPs
- 3.1.3 Organized 4 industry meets
- 3.1.4 Completion of Qualification Files and related documents for submission to NSDC towards QRC approval.
- 3.1.5 Development of 5 Model Curricula.
- 3.1.6 Participation in 5 training programmes organized by National Institute of Solar Energy and 2 training programmes organized by Gujarat Energy Research and Management Institute.
- 3.1.7 In depth meetings with GIZ, DWA, USAID PACE-D, World Bank, ECO-Canada, Fleming College, UKIERI, NRDC.
- 3.1.8 Working group meetings for Development of Participation Handbooks for 3 Solar QPs.
- 3.1.9 Floating of RFP for skill gap analysis and development of QPs in following sectors:
  - Solar PV
  - Solar Thermal
  - Wind Energy
  - Small Hydro Power Projects
- 3.1.10 Meeting with organizations from Clean Cookstoves, Biomass and Biogas industry.

Following are the Five Qualification Packs developed by:

S.no	QP code	Name of the QP	NSQF Level	Date of Approval
1	SGJ/Q0101	Solar PV Installer – Suryamitra	4	21.11.2015
2	SGJ/Q0102	Solar PV Installer (Electrical)	4	08.12.2015
3	SGJ/Q0103	Solar PV Installer (Civil)	4	08.12.2015
4	SGJ/Q6601	Wastewater Treatment Technician	4	11.12.2015
5	SGJ/Q6602	Wastewater Treatment Helper	3	11.12.2015

Following is the List of Industries reviewed the Qualification Packs and provided their valuable validation for the qualification Packs:

S.no	Name of Industry	Sector	Validation for QP's
1	Sterling and wilson pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
2	Tata Power Solar	Solar	SGJ/Q0102, SGJ/Q0103
3	Sunshine Technocom Pvt Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
4	Waree Energies ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
5	Sappire Greentech Pvt. Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
6	Kirti Solar Limited	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
7	Brothers Solar Energy Solution	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
8	PowerXP Consultants Pvt. Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103

S.no	Name of Industry	Sector	Validation for QP's
9	Rotomag Motors & Controls pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
10	Mytrah Energy (India) limites	Solar	-
11	Akshay Jyoti Solar Pvt. Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
12	MeetRa enrgy pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
13	Offcom Systems Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
14	Primotech Energy Solutions pvt Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
15	Unicorps Technologies Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
16	Hensel Electric India Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
17	Studer Innotec India Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
18	ADS Projects and Systems (P) Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
19	M power Green Energy pvt. Ltd.	Solar	-
20	Gautam Solar Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
21	Nexus Energy tech Pvt Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
22	Solar Systems Solution Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
23	Greenthought Enviromental Solutions pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
24	Vispra Power Controls Pvt Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
25	Gopinath Solar Enrgy Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
26	Solkar Solar Industries Limited	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
27	Sukam Power Systems Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
28	ASG Infra Projects (P) Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
29	Rimmels Power Solution	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
30	Sudhir Engineering Works	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
31	Exclusive Marketing	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103, SGJ/Q0104, SGJ/Q0105, SGJ/Q0106
32	Diesel Engine Sales & Service	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103, SGJ/Q0104, SGJ/Q0105, SGJ/Q0106
33	Sunvest Energy Pvt. Ltd	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103, SGJ/Q0104, SGJ/Q0105, SGJ/Q0106
34	AP Energy	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103, SGJ/Q0104, SGJ/Q0105, SGJ/Q0106
35	SunSource Energy Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
36	kWatt Solutions Pvt. Ltd.	Solar	SGJ/Q0101, SGJ/Q0102, SGJ/Q0103
37	Orchid Pharma Ltd.	Water Management	SGJ/Q6601, SGJ/Q6602
38	Vadodara Emviro Channel Limited	Water Management	SGJ/Q6601, SGJ/Q6603
39	United waters india pvt. Ltd.	Water Management	SGJ/Q6601, SGJ/Q6604

S.no	Name of Industry	Sector	Validation for QP's
40	Biotic Water Solutions Pvt. Ltd.	Water Management	SGJ/Q6601, SGJ/Q6605
41	Adwyn Chemicals Pvt Ltd	Water Management	SGJ/Q6601, SGJ/Q6606
42	Rodic Consultants Pvt. Ltd.	Water Management	SGJ/Q6601, SGJ/Q6607
43	The Green Enviroment Co-op. Society Ltd.	Water Management	SGJ/Q6601, SGJ/Q6608
44	Akshara Ganga Resources Ltd.	Water Management	SGJ/Q6601, SGJ/Q6609

## 3.2 Assessments & Assurance Group

### Major Responsibilities:

- Affiliating suitable training partners and assessment agencies
- Organization of meetings of Affiliation Sub-committee
- Mapping of Training Centres on National Portal with unique identification numbers
- Training of Trainers
- Planning of Delivery of Training by affiliated Training Centres as per annual targets
- Assessment through third party
- Certification of candidates
- Coordination with NSDC and uploading of data on National Portal

### Major Achievements during 2015-16

- Development of protocol for affiliation of training partners
- Development of protocol for affiliation of assessment agencies
- Convened 3 meetings of Affiliation sub-committee
- Affiliated 11 training centers
- Training of 383 candidates on Solar QPs under PMKVY

### 3.2.1 Training Partners of SCGJ

Skill Council has Pan India presence with its network of Training Partners and their Training Center: Total Number of affiliated Training center of SCGJ is 69 as on 20<sup>th</sup> August, 2016 with presence in 16 States of India.

S.no	Centre Name	Centre Address
1	CDM Infrastructures	F - 436, Sector 63, Noida, U.P.
2	Webtech Universal Learning	BUILDING NO 413, WARD NO. 10, COLLEGE LINK ROAD, CHARKHI DADRI, BHIWANI, PIN CODE - 127306 HARYANA
3	Centre for Renewable Energy & Environment	At - Ramchandrapur, P.O. - Jatni, Bhubaneswar, Dist: Khurda – 752050, Odisha, India
4	Institute of Solar Power Technologies & Vocational	15/362, Mary Naidu Street, Subedarpet, Nellore - 524001. A.P.

S.no	Centre Name	Centre Address
	Training	
5	Prime Education Welfare Society	Prime Education Welfare Society, C Block, Vivek Vihar Phase 1 (Opposite Kothi No. 74), Delhi-110095
6	JP Institute of Engineering & Technology/Meerut	MAWANA ROAD, P.O. RAJPURA, Meerut, Uttar Pradesh 250001
7	Anuna Education Network Pvt. Ltd	B-73 Nirala Nagar, Lucknow, U.P. -226020
8	Ultimate Energy Resource Training Center	D.No:8-3-318/9/S-5&6, Engineer's Colony, Yellareddyguda, Hyderabad-500073
9	Unit-I/Trichy	2\19 Racquet Court Lane, Tiruchirapally, 620001
10	ISL INSTITUTE OF HOMELAND SECURITY	Village Belgundi, Distt: Belgaum, Karnataka-591108
11	Silver Oak College of Engineering and Technology	352,353 A, Nr. Bhavik Publications, Opp. Bhagwat Vidyapith, S.G. Highway, Ahemdabad-382481
12	ADS Foundation -JCARC Engineering Skill Development Centre	ADS Foundation -JCARC Engineering Skill Development Centre, Sri Jagannath Temple Campus, Behind Trimandir, Adalaj, off S G highway, Dist: Gandhinagar
13	Smart Brains Engineers & Technologist Pvt. Ltd.	H-86 Sec. 63 Noida, U.P. 201301
14	SmartBrains Pune Center	30(1), (3) 2nd floor premanjali complex, opp.ellora palace Pune Maharashtra
15	Smart Brains SIKAR	Made Eassy Coaching nawalgarh road, opp. kishan colony, Sikar, Rajasthan
16	SmartBrains Etawah 2	Plot No 605, Bharthana - Etawah Road, Bharthana, Babhara Etawah
17	IIHERT-SONIPAT-JKP POLYTECHNIC	RATTANGARH, GOHANA-SONIPAT HIGHWAY, SONIPAT HARYANA
18	IIHERT-BAREILLY JESUS & MARRY INST. OF IT & MGT.	NAWABGANJ, BAREILLY, UP
19	CBIP-Centre of Excellence	Plot No-21, Sector-32, Institutional Area, Gurgaon, Haryana-122001
20	AISECT University Solar Training Centre	AISECT University, Village Mendua, Post - Bhojpur, Near Bangrasiya Chauraha, Bhopal - Chiklod Road, District Raisen (MP)
21	Mahatma Gandhi Institute of Rural Energy and Development/ Bangalore	Mahtama Gandhi Institute of Rural Energy and Development Srirampura Cross, Jakkur Bengaluru

S.no	Centre Name	Centre Address
22	Camellia School of Engineering & Technology	Nadibhag, P.O. - Kazipara, Barasat, Kolkata - 700124
23	National Productivity Council	Utpadakta Bhawan, 5-6 Institutional Area, Lodi Road, New Delhi-11003
24	NIELIT, Imphal	P.O. Box 104 Akampat, Imphal, Manipur
25	IL&FS Academy of Applied Development Centre Inspected: Common Effluent Treatment Plant (Thane-Belapur) Association	The IL&FS Financial Centre, Plot No. C 22, G Block, Bandra Kurla Complex, Bandra East, Mumbai 400051 Centre Inspected: P-60, MIDC, Khairane. Thane Belapur Road, Navi Mumbai - 400709
26	Centre of Excellence in Renewable Energy Education and Research	Department of Physics, University of Lucknow University Road, Lucknow-226007
27	Mahadev Educational Society	Mahadev Complex, Opp BSA Office, Biraj Rd. Bijnor, U.P.
28	Disha Institute of Management and Technology(DIMAT)	Satya Vihar, Vidhansabha-Chandrakhuri Marg Ahead of Gyanganga School Tehsil : Mandir Hasaud Dist : Raipur
29	IL&FS-Okhla	D-114, Okhla Phase-I, New Delhi- 110041
30	IIS @ IL&FS-Bhilwara	C/O Satyanand Yog & Ved Sansthan, Near Harni Mahadev Mandir, Sameli Road, Bhilwara-311001 Rajasthan
31	IIS @ Duttalur	SEEDS, Duttalur (V) & (M), SPSR Nellore District. Andhra Pradesh- 524222
32	GAIL Institutes of Skills-Guna	IL&FS Institute of Skills Guna, Near Chintaharan Mandir & Toll Tax, Guna Pin Code:- 473001 Madhya Pradesh
33	IL&FS-Ganpat University	ITI Building, opp. Girls Hostel, Ganpat University, Kherva, Mehsana - 384012 Gujarat
34	NIC Institute of Technology	Vill & Post - Bhaluka Bazar, Block - Harishchandrapur - II, Sub Div - Chanchal, Dist - Malda, West Bengal : 732125
35	Cairn Centre of Excellence (CCoE)	TUV Rheinland (India) Pvt. Ltd. Near New IIT Campus, Naguar Road NH-65 Village Gharao P.O Karwad District- Jodhpur-342020
36	TUV Rheinland Suryamitra Skill Development Centre-Pollachi	Dr. Mahalingam College of Technology, NPT-MCET Campus, Udumalai Road, Pollachi, 642003 Tamil Nadu

S.no	Centre Name	Centre Address
37	TUV Rheinland Suryamitra Skills Development Center - Wai	Shrinivas Mangal Karyalaya, Plot no: P-7, MIDC Area, Wai-412803 Maharashtra
38	TUV Rheinland Suryamitra Skills Development Center - Baramati	Vidya Pratisthan's Institute of Information Technology, Vidya Nagari, Bhigwan Road-413 133 Maharashtra
39	TUV Rheinland Suryamitra Skills Development Center - INDAPUR	Vidya Pratisthan's Poytechnic College, Vidya Nagari, Indapur, 413106 Maharashtra
40	TUV Rheinland Suryamitra Skills Development Centre - Goa	Radhakrishna Apartments, Bansai, Kakoda-403706 Maharashtra
41	Vivekanand Skill Development Institute	19 JRK. PakkaBhadhwa, Goluwala, Hanumangarh, Rajasthan 335802
42	Indraprastha Skill Dwarka	C-124, samta enclave, qutub vihar, phase-1, new delhi-110071
43	Institute of Engineering and Technology	North Ext. M.I.A. Alwar 301030
44	Non-Conventional Energy & Rural Development Society (NERD Society)	249, Chitthi Vinayagar Colony, Vadavalli, Coimbatore-6410141, Tamil Nadu
45	National Institute for Micro, Small and Medium Enterprises (NI-MSME)	Yousufguda, Hyderabad- 500 045
46	Swami RamanandaTirtha Memorial Campus	C/O Swami Ramananda Tirtha Memorial Committee, Swamy Ramanandha Tirtha Marg, Lane No. 9, Brahamnwadi, Begumpet, Hyderabad-500016
47	Datapro Computers Pvt. Ltd.	47-9-10, 3rd lane Dwarakanagar Visakhapatnam
48	National Small Industries Corporation	NSIC Technical Services Centre, Kushaiguda Electronic Complex, Kamalanagar, Hyderabad-500062 (Andhra Pradesh)
49	Francis Institute of Training and Research	153, SIDCO Industrial Estate, Malumichampatti-Post, Coimbatore- 641 050, Tamil Nadu
50	SR Corporate Consultant (P) Ltd	House No. 843, Sundar Nagar, Opp. Abhinandan Marriage Palace, Ring Road No.1, Kushalpur, Raipur, Chattisgarh
51	Darshan Institute of Engineering & Technology	Hadala, Rajkot-Morbi Highway, Nr. Water Sump, Rajkot, Morbi Highway, Rajkot-363650
52	Innodust Techsolution Pvt Ltd	A/65, Second Floor, Saheednagar, Bhubaneshwar, Khurda, Pin-751007
53	Shri Dharamsthala Manjunateshwara College of Engineering & Technology	SDM College of Engineering & Technology, Dhavalagiri, Dharwad, 580 002, Karnataka



S.no	Centre Name	Centre Address
54	National Institute of Science & Technology	Palur Hills, Berhampur-761 008
55	Central Tool Room and Training Centre	B-36 Chandaka Industrial Area, PO: KIIT, Bhubhaneshwar-751024
56	TATTI(Solar Energy Institute)	#399/2C, Vipasana Road, Thirumudivakkam, Chennai-44
57	MITCON-Akola	Patil Market, Behind New Bus Stand, Mashaul Colony, Above Gurukrupa Digital, Akola- 444001
58	MITCON-Amravati	VIMCO Complex, 2nd Floor, Opp. Govt. Polytechnic, Gadgenagar, Amravati-444603
59	MITCON-Aurangabad	Row House No. 11, Sahyadri Hills, Shivaji Nagar, Garkheda, Aurangabad-431001
60	MITCON-Chandrapur	C/O District Industries Centre Adv. Bapat House, Behind Haveli Complex, Sarai Ward, Chandrapur-442401
61	MITCON-Nagpur	Plot No. 123, Shri Ganesh Snehal Apartment, 1st Floor, Shradhanand Peth, South Ambazari Rd., Nagpur-440010
62	MITCON-Nanded	Ground Floor, Udyog Bhawan Building, Industrial Estate, Shivaji Nagar, Nanded-431602
63	MITCON-Buldhana	Shriram Niwas, Tembhikar Lane, Shivaji Nagar, Junagaon, Buldhana-443001
64	MITCON-Ratnagiri	B/4, Vedang Paradise Building, Thiba Palace Road, Ratnagiri-415612
65	MITCON-Sangli	Hanuman Nagar, Plot No.:527, Kupwad, Tal.Miraj, Dist. Sangli-416425
66	MITCON-Solapur	A-1, Mangal Arcade, Hotgi Road, Asra, Solapur-413003
67	MITCON-Thane	Office Premises No. 1402/1403, 14th Floor, Dalamal Tower Premises Co-op Soc. Ltd. Free Press Journal Marg, 211, Nariman Point, Mumbai-400021
68	MITCON-Wardha	A/13, Renuka Complex, Near Patanjali Ayurvedic Clinic, Arvi Naka, Wardha
69	Education Park Society	Education Park School, Village. Kodla, Khargone road, Bhikangaon, District. Khargone

## 3.2.2 Training of Trainers

As the industry needs skilled professionals all along the value chain, such as manufacturing, project designing, system engineering and integration, installation supervisors/technicians, operation and maintenance technicians, engineers etc. To combat this challenge of lack of skilled workforce along the entire value chain and at all levels, a focused attention and sizable investment is required for Training of Trainers so that the future installers, operators can be trained by skilled Trainers who has the necessary knowledge and skill to conduct training programs in the field of Green Jobs.

One of the main focus areas of Skill Council for Green Jobs is to create certified Trainers who can in turn train participants for quality installations to happen in India.

S.no	Category	Numbers (as on 20.08.2016)
1.	Total Number of Training of Trainers Organized	4
2.	Total Number of Trainers Trained	66
3.	Total Number of Training Partners participated	18
4.	Total Number of qualification packs on which Trainers were trained	5

## 3.2.3 Trainings of Students

S.no	Category	Numbers (as on 20.08.2016)
1.	Total Number of Trainings under PMKVY	383
2.	Toatl Number of Trainings on Market Mode	78

## 3.3 Marketing & Partnerships Group

### Major Responsibilities:

- Improving industry linkages in all the sub-sectors
- Improving visibility of Skill Council for Green Jobs
- Organization of AGM and Governing Council Meetings
- All matters relating to Membership of SCGJ, including growth
- MoUs with Industry and other Skill Development bodies

### Major Achievements during 2015-16

- Obtained support letter from over 22 industry / organizations across 8 different states for formation of SCGJ
- Secured Registration of SCGJ as Society
- Obtained PAN and TAN of SCGJ
- Setting up of SCGJ Office at Chanakyapuri, New Delhi
- Opening of 2 Bank Accounts with HDFC Bank
- Organized Pre – Governing Council, First GC and Second GC meetings

Secured Membership from 11 Industries (contribution of Rs. 39.00 Lakhs)

### 3.3.1 MoUs signed with Industry

Signing of MoUs with industry and skill agencies was also undertaken. SCGJ has so far signed MoUs with 8 industry / organizations with a view to cooperate in its activities and also help in achieving placement of SCGJ certified candidates.

S No	Date	Signed with	(As on 20.08.2016)
1	13/05/2016	Vestas Wind Technology India Pvt. Ltd.	
2	20/05/2016	Andhra Pradesh State Skill Development Corporation (APSSDC)	
3	2/06/2016	Energy Next	
4	3/06/2016	National Solid Waste Management Association of India	
5	27/06/2016	Municipal Corporation Ghaziabad	
6	19/07/2016	National Backward Classes Finance and Development Corporation (NBCFDC)	
7	26/07/2016	Commonwealth Education Media Centre for Asia (CEMCA)	
8	19/08/2016	SME OneSource	

### 3.3.2 Industry Members

S No	Organization Name	Association with SCGJ
1	CVC Biorefineries Pvt Ltd	Governing Council Member
2	ReNew Power Ventures Pvt Ltd	Governing Council Member
3	Vestas Technology R&D Chennai Pvt. Ltd	Governing Council Member
4	Niagra Water Solutions Pvt Ltd	Governing Council Member
5	Jakson Limited	Governing Council Member
6	Suzlon Energy Ltd	Governing Council Member
7	Indian Renewable Energy Development Agency (IREDA)	Governing Council Member
8	National Institute of Wind Energy (NIWE / CWET)	Governing Council Member
9	Growdiesel Ventures Ltd	Governing Council Member
10	AHEC, IIT Roorkee	Governing Council Member
11	E-Parisaraa Pvt Ltd	Governing Council Member
12	IL&FS Energy Company Ltd	Governing Council Member
13	Leap Green Energy Pvt Ltd	Governing Council Member
14	Ramky Enviro Engineers Ltd	Governing Council Member
15	Ruchi Soya Industries Ltd	Governing Council Member
16	Sun Edison	Governing Council Member
17	Triveni Engineering & Industries Ltd	Governing Council Member
18	VA Tech Wabag India Ltd	Governing Council Member
19	Earth Watch Institute , India	Governing Council Member
20	Himalaya Power Producers Association	Governing Council Member
21	Indian Wind Turbine Manufacturers Association	Governing Council Member
22	Federation of Industries and Commerce of North East Region (FINER)	Governing Council Member
23	Indian Electrical & Electronics Manufacturers' Association	Governing Council Member



S No	Organization Name	Association with SCGJ
	(IEEMA)	
24	Confederation of Indian Industry (CII)	Governing Council Member
25	Vikram Solar	Advisory Board Member
26	E- Hrex Technologies Pvt. Ltd	Advisory Board Member
27	Center for Rural Energy & Water Access	Advisory Board Member
28	Indian Bioenergy Association	Advisory Board Member
29	Energy Devices	Member
30	Greenway Grameen Infra Pvt Ltd	Member
31	Ravi Engineering & Chemical Works, Delhi	Member
32	Desi Power Foundation	Member
33	Ram Electronic & Equipment	Member
34	Puri Oil Mills Ltd	Associate
35	Amrit Non coventional Energy System Ltd	Associate
36	Alien Energy Pvt. Ltd	Associate
37	Pranat Engineers Pvt. Ltd	Associate
38	Gearcon Lubricants	Associate
39	Enprotech Solutions	Associate
40	Biogass Forum India	Associate
41	Urja Bio System Pvt Ltd	Associate
42	Clean India Ventures	Associate
43	International Academy of Sanitation and Public Health	Associate
44	Sharda Vihar Bhopal	Associate
45	Gurgaon First	Associate
46	USAID PACE-D	Associate
47	Teri University	Associate
48	NAHARI Ventures	Associate
49	Kaama Associates	Associate



S No	Organization Name	Association with SCGJ
50	Kirti Solar	Associate
51	Vadodara Enviro Channel Ltd	Associate
52	Iternal Society of Chartered Engineers for Renewable Energy Awareness (ISCERE)	Associate
53	Airsolwin Services	Associate
54	ADS Projects & Systems Pvt Ltd	Associate
55	Ultimate Sun Systems Pvt. Ltd , Kam Soalr Energy Consultant	Associate
56	Smalt & Beryl Pvt Ltd	Associate
57	Solkar Solar Indusrty Ltd	Associate
58	Brothers Solar Energy Solutions	Associate
59	Rotodyne Engineers Services Pvt. Ltd	Associate
60	Aspiration Energy Pvt. Ltd	Associate
61	Indian Wind Energy Association	Associate
62	Prakash Solar	Associate
63	Konark Energy Sollutions LLP	Associate
64	RRB energy Limited	Associate
65	Wind World India Ltd	Associate
66	APNA Global Industries Pvt. Ltd	Associate
67	STENIUM Asia Sustainable Development Society	Associate
68	Sunkalp Energy	Associate
69	Indian Wind Turbine Manufacturers Association	Associate
70	GKM Energy Pvt. Ltd	Associate
71	Sudhir Engineering Works	Associate
72	EnvironmentFirst Energy Services (P) Ltd	Associate
73	Abhishek Enterprises	Associate
74	Varad Prayavaran Pvt Ltd	Associate
75	Windsun Renewables Pvt. Ltd	Associate



S No	Organization Name	Association with SCGJ
76	Nature 2 Nature Ecosystem (P) Ltd	Associate
77	EcoFrost Technilogist Private Ltd	Associate
78	Trio-Chem Sucrotech Engg & Projects (P) Ltd	Associate
79	Cogeneration Association of India	Associate
80	kWatt Solutions Pvt. Ltd	Associate
81	Trident Renewable Energy (P) Ltd	Associate
82	Konark Energy Solutions LLP	Associate
83	Sterling and Wilson Pvt. Ltd	Validators
84	Tata Power Solar	Validators
85	Sunshine Technocom Pvt Ltd	Validators
86	Waree Energies Ltd	Validators
87	Sapphire Greentech Pvt. Ltd	Validators
88	Rotomag Motors & Controls Pvt. Ltd	Validators
89	Mytrah Energy (India) limites	Validators
90	Akshay Jyoti Solar Pvt. Ltd	Validators
91	MeetRa enrgy Pvt. Ltd	Validators
92	Offcom Systems Pvt. Ltd	Validators
93	Primotech Energy Solutions Pvt Ltd	Validators
94	Ladhak Renewable Industry Development Agency (LREDA)	Validators
95	Hensel Electric India Pvt. Ltd	Validators
96	Studer Innotec India Pvt. Ltd	Validators
97	m power Green Energy Pvt. Ltd	Validators
98	Gautam Solar Pvt. Ltd	Validators
99	Nexus Energy tech Pvt Ltd	Validators
100	Solar Systems Solution Pvt. Ltd	Validators
101	Greenthought Enviromental Solutions Pvt. Ltd	Validators
102	Vispra Power Controls Pvt Ltd	Validators



S No	Organization Name	Association with SCGJ
103	Gopinath Solar Enrgy Pvt. Ltd	Validators
104	Solkar Solar Industries Limited	Validators
105	Sukam Power Systems Ltd	Validators
106	ASG Infra Projects (P) Ltd	Validators
107	Rimmels Power Solution	Validators
108	Exclusive Marketing	Validators
109	Diesel Engine Sales & Service	Validators
110	Sunvest Energy Pvt. Ltd	Validators
111	AP Energy	Validators
112	SunSource Energy Pvt. Ltd	Validators
113	Orchid Pharma Ltd	Validators
114	Vadodara Enviro Channel Limited	Validators
115	United waters india Pvt. Ltd	Validators
116	Biotic Water Solutions Pvt. Ltd	Validators
117	Adwyn Chemicals Pvt Ltd	Validators
118	Rodic Consultants Pvt. Ltd	Validators
119	The Green Enviroment Co-op. Society Ltd	Validators
120	Akshara Ganga Resources Ltd	Validators




## 4.0 Governing Council of SCGJ

Sr No	Organisation's Name
1	CVC Biorefineries Pvt Ltd
2	ReNew Power Ventures Pvt Ltd
3	Ministry of New Renewable Energy
4	Ministry of Skill Development & Entrepreneurship
5	Ministry of Power
6	National Skill Development Council
7	Confederation of Indian Industry
8	Indian Electrical & Electronics Manufacturers' Association (IEEMA)
9	Himalaya Power Producers Association
10	Indian Renewable Energy Development Agency (IREDA)
11	AHEC, IIT Roorkee
12	E-Parisaraa Pvt Ltd

13	Growdiesel Ventures Ltd
14	IL&FS Energy Company Ltd
15	Jakson Limited
16	Leap Green Energy Pvt Ltd
17	National Institute of Wind Energy (NIWE / CWET)
18	Niagra Water Solutions Pvt Ltd
19	Ramky Enviro Engineers Ltd
20	Ruchi Soya Industries Ltd
21	Sun Edison
22	Suzlon Energy Ltd.
23	Triveni Engineering & Industries Ltd.
24	VA Tech Wabag India Ltd
25	Vestas Technology R&D Chennai Pvt. Ltd.
26	Indian Wind Turbine Manufacturers Association
27	Earth Watch Institute , India
28	Federation of Industries and Commerce of North East Region (FINER)

## 5.0 Major activities of Skill Council for Green Jobs

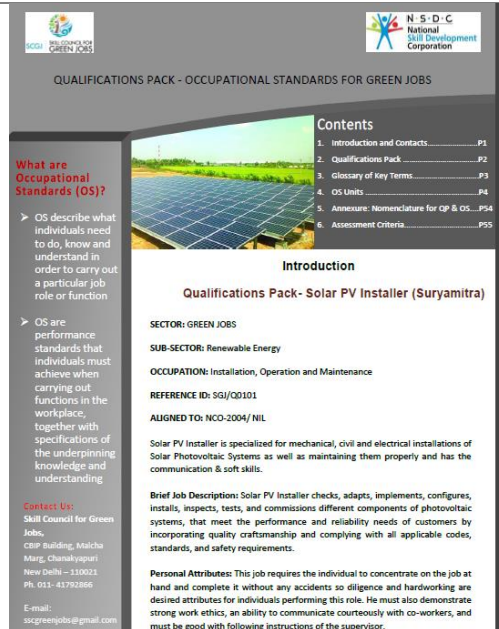
S no.	Date	Activity	Pictures/ Description
1	28 <sup>th</sup> May 2015	Ministry of Skill Development and Entrepreneurship jointly with Ministry of New and Renewable Energy <b>launched setting up of 'Skill Council for Green Job'</b> on 28th May, 2015. CII and MNRE are the promoters of the council	 <p>The image shows a formal launch event for the Skill Council for Green Jobs. Several men in suits and one woman in an orange saree are standing on a stage. A large screen in the background displays the text 'Launch of Green Jobs Sector Skill Council'. The stage is decorated with logos of the Ministry of Skill Development and Entrepreneurship, CII, and MNRE.</p>
2	14 <sup>th</sup> July 2015	Canadian Delegation Roundtable	The Skill Council for Green Jobs participated in discussions with the Canadian Delegation on the skill ecosystem in India. The focus subject was that of Water Management Best Practices. Adept in this technology, ECO – Canada and its affiliated institutes in the Canadian State expressed interest to participate in development of Skill Programs customized to India's requirement.
3	15 <sup>th</sup> July 2015	Launch of Skill India Mission by Ministry of Skill Development and Entrepreneurship was organized on 15th July, 2015 in New Delhi.	The event was graced by the Honorable Prime Minister of India, Shri Narendra Modi, as guest of honor. The Skill India Mission was launched at this event, along with its flagship scheme, Pradhan Mantri Kaushal Vikas Yojana (PMKVY). Other highlights of the Vigyan Bhawan event included felicitation of winners from India of World Skills Competition, Rio de Janerio, Brazil.
4	17 <sup>th</sup> July 2015	Ministry of Skill Development and Entrepreneurship and UKIERI Consultation Workshop on 'Developing a framework for UK India Collaboration on Skill Development' on 17th July, 2015 in New Delhi.	Skill Council for Green Jobs was presented as one of the recently launched Sector Skill Councils aimed at meeting the requirements of one of the emerging priority sectors India. In addition to key MSDE, DGT, NSDC, various Sector Skill Councils and UKIERI officials, the one day roundtable workshop also witnessed participation from British Council India, British High Commission, various National Skill Academies of the UK, Glasgow Kevin College, Wadhvani Foundation, Prince's Trust International, Gazelle Colleges Group, Bharat Yuva Shakti Trust and several Training Institutes.

5	20 <sup>th</sup> August 2015	Thought Leadership Summit on “Skill Development & Capacity Building in Renewable Energy”, Chair by Dr. Praveen Saxena, Former Advisor MNRE, Government of India & CEO, Skill Council for Green Jobs.	
6	27 <sup>th</sup> August 2015	<p>The Pre-Governing Council Meeting was held on 27th August, 2015 at Board Room, CBIP Building, Chanakyapuri, New Delhi.</p> <p>The founding members of the Skill Council for Green Jobs representatives from Ministry of Skill Development and Entrepreneurship (MSDE), Ministry of New and Renewable Energy (MNRE), National Skill Development Corporation (NSDC), Confederation of Indian Industry (CII), Indian Electrical and Electronics Manufacturers’ Association (IEEMA) and Prof. Arun Kumar from AHEC-IIT Roorkee (representative of academia). The meeting was also attended by stalwarts of the Green Businesses Industry, including representatives from ReNew Power, Suzlon Energy, Sindicatum Renewables, Vikram Solar, IL&amp;FS Energy, Leap Green Energy, Regency Gangani Energy and Earthwatch Institute India.</p>	
7	28 <sup>th</sup> Sep 2015	10th Meeting of National Skills Qualification Committee (NSQC) on 28th September, 2015. The proposal for formation of Skill Council for Green Jobs was approved by NSDC Board on 20th July 2016. Following this, the proposal was presented to and approved by the NSQC in its 10th Meeting held on 28th September, 2015, New Delhi.	
8	26 <sup>th</sup> Oct 2015	1 <sup>st</sup> Governing Council Meeting was held on 26th October, 2015. Annexure 2: MoM of 1 <sup>st</sup> GC meeting	

<p>9</p>	<p>26<sup>th</sup>-27<sup>th</sup> Nov 2015</p>	<p>SCGJ participated in CII's 4th National Conference on "Skill Development &amp; Job Fair -Linking Skills to Jobs" held at New Delhi. The objective of the conference was to connect industry employers and youth from ITIs. The conference had provided jobs to ITI graduates while enabling access for employers to a talent pool. Hon'bl Minister Mr Rajiv Pratap Rudy graced the occasion.</p>	 
<p>10</p>	<p>30<sup>th</sup> Nov – 12<sup>th</sup> Dec 2015</p>	<p>Mr Kolluru Krishan, Chairman, Governing Council, SCGJ participated in the Conference of Parties (COP21) held in Paris for the signing of the Paris Agreement during United Nations Climate Change Conference.</p>	

11 November 2015 – January 2016

SCGJ's 5 Qualification Packs Cleared by the Qualification Ratification Committee (National Skill Development Corporation) in alignment with National Skills Qualification Framework.



12 5<sup>th</sup> January 2016

Central Board of Irrigation and Power launched a 'Centre of Excellence' in Gurgaon as part of its Skill Development activities on 5<sup>th</sup> January, 2016. Dr Saxena, CEO, SCGJ was invited as Speaker during the session on Skilling in the Renewable Energy Sector.







13 25<sup>th</sup> January 2016




SCGJ participated in the Foundation Stone Laying Ceremony of International Solar Alliance Headquarters in National Institute of Solar Energy (NISE), Gurgaon. The event was honored by Hon'ble Prime Minister Shri Narendra Modi and guest of honor, M. Francis Hollande, President of the French Republic.



14 1<sup>st</sup>

Ontario Roundtable Conference, New Delhi (organized by CII), Canadian High

	February 2016	Commission, attended by Dr P Saxena and Tanmay Bishnoi	
15	14 <sup>th</sup> – 16 <sup>th</sup> February 2016	<ol style="list-style-type: none"> <li>1. Skill India Pavilion, at the Make India Conference, MMRD Grounds, BKC, Mumbai.</li> <li>2. Participation in Release of NRDC Report “Filling the Skill Gap in India’s Clear Energy Market”, Renewable Energy Conference at MII - Centre.</li> </ol>	  
16	26 <sup>th</sup> February 2016	The Second Governing Council meeting of Skill Council for Green Jobs was held on 26 <sup>th</sup> February, 2016 at Board Room, CBIP Building, Chanakyapuri, New Delhi.	
17	21 <sup>st</sup> March 2016	The Launch of ‘Vestas Technical & Safety Training Center’ was held on 21 <sup>st</sup> March 2016. Dr Saxena, CEO, SCGJ participated in the opening ceremony hosted by Vestas Wind Technology, in Chennai.	

18	28 <sup>th</sup> April 2016	<p>Model Career Centre – Gurugram – Participation in Launch and Job Fair at Government ITI, Gurgaon. It was organized by CII, in collaboration with Ministry of Labor and Employment, with chief guest as Hon’ble Minister Shree Bandaru Dattatreya.</p>	
19	5 <sup>th</sup> – 6 <sup>th</sup> April 2016	<p>Case Study carried out by SCGJ for Alignment with NSQF – Barefoot College (Social Work and Research Centre), Tiloniya, Rajasthan – Rural Entrepreneurship Solar Energy Program for Women.</p>	
20	11-13 <sup>th</sup> April 2016	<p>1<sup>st</sup> Training of Trainers Program Conducted by SCGJ on three Qualification Packs of Solar:</p> <ol style="list-style-type: none"> <li>1. SGJ/Q0101- Solar PV Installer (Suryamitra)</li> <li>2. SGJ/Q0102- Solar PV Installer – Electrical</li> <li>3. SGJ/Q0103- Solar PV Installer Civil</li> </ol>	
21	14 <sup>th</sup> -16 <sup>th</sup> April 2016	<p>Maritime India Summit 2016 was held in Mumbai between 14<sup>th</sup> to 16<sup>th</sup> April. Mr Arpit Sharma attended the conference and SCGJ was present as an exhibitor representing one of the key sectors which were in focus during the summit. The event was graced by the presence of Hon’ble Prime Minister Shree Narendra Modi. The key session on Skill Development was chaired by the Hon’ble Minister Shree Rajiv Pratap Rudy, who also interacted with Dr Saxena, CEO on the scope of carrying out Green Jobs related Skill Activities in Port Areas.</p>	

22	13 <sup>th</sup> May 2016	MoU signing with Vestas Wind Technology, Ahmedabad, to provide Skilled Manpower to Vestas Blade Manufacturing Unit at Sanand, Gujarat and other associated projects.	
23	17 <sup>th</sup> May 2016	Visit to Jangid Motors, Gurugram. To understand the Job roles in the E-Transportation Sector.	
24	2 <sup>nd</sup> -3 <sup>rd</sup> June 2016	2 <sup>nd</sup> Training of Trainers Program Conducted by SCGJ on three Qualification Packs of Solar: <ol style="list-style-type: none"> <li>1. SGJ/Q0101- Solar PV Installer (Suryamitra)</li> <li>2. SGJ/Q0102- Solar PV Installer – Electrical</li> <li>3. SGJ/Q0103- Solar PV Installer Civil</li> </ol>	



25	3 <sup>rd</sup> June 2016	MoU signed with National Solid Waste Association of India (NSWAI) to align the skill development program of SCGJ with the <b>Swachh Bharat Mission</b>	
26	7 <sup>th</sup> June 2016	SCGJ participated in National Solar Rooftop Workshop on 07-06-2016 held at Vigyan Bhawan, New Delhi. Mr Arpo Mukherjee and Mr Sumit Choudhury represented the Council, interacting with the large number of Solar Rooftop industry present at the event.	
27	21 <sup>st</sup> – 23 <sup>rd</sup> June 2016	<p>3<sup>rd</sup> Training of Trainer Programs Wastewater Domain.</p> <p>These were conducted as per mandate of Ministry of Skill Development and Entrepreneurship, through NSDC guidelines.</p> <p>The ToT were Conducted on the following Qualification Packs:</p> <ol style="list-style-type: none"> <li>1. SGJ/Q6601 Wastewater Treatment Technician</li> <li>2. SGJ/Q6602 Wastewater Treatment Helper</li> </ol>	

28      21<sup>st</sup> – 23<sup>rd</sup>  
July 2016

4<sup>th</sup> Training of Trainers Program Conducted by SCGJ on three Qualification Packs of Solar:

1. SGJ/Q0101- Solar PV Installer (Suryamitra)
2. SGJ/Q0102- Solar PV Installer – Electrical

SGJ/Q0103- Solar PV Installer Civil.

This Training of Trainers Program was Conducted in Centurion University Campus at Bhubaneswar Orissa.



29      July 2016 –  
till date

Skilling program and orientation of residents in 5 Villages of Haryana conducted by SCGJ. The ongoing project includes Entrepreneurship program and introduction to Clean Technology through Sustainable Interventions.



