



SCGJ Awards 2018: Inter Solar

– Bangalore 11<sup>th</sup> December 2018

SCGJ International

participation

## SCGJ Awards 2018 distributed at Inter Solar in Bangalore held on 11th December 2018

India has the fifth largest power generation capacity in the world. The country ranks third globally in terms of electricity production. Still there are homes which goes dark after the sunset. There are a bundle of business opportunities to address this challenge.

The PV Technology helps in harnessing Solar Energy in a very simple way, the technology is modular and can be used both in Centralized or decentralized manner. With big players in PV markets have done 25000+ MW's Installations of Solar PV ground mount or roof top, technologist are still finding new ways of lighting the households in remote areas. The India has set a target of 100 GW of Solar PV by 2022 which is going to create more than three lakh jobs but the off-grid sector is also creating tens of thousands of jobs in rural economy.

In recognition to the work of the Training providers, who acts as a bridge between unskilled people and Industries, SCGJ gave following awards in an award session organized at Inter Solar in Bangalore held on 11th December 2018

Category 1: Outstanding contribution in solar training domain to **SOUL Initiate of IIT Bombay**

Category 2: Best Solar Training center to Mangla Smart Energy Solutions for their training center, **Mahendra Engineering College, Namakkal Disrtict, Tamil Nadu**

Category 3: Best training institution with highest placements to **Aspire Disruptive Skill Foundation**

Category 4: Training organization with highest number of training imparted to **Mahendra's Skill Training and Development Pvt. Ltd**

Special Category: Best Startup in Solar Training Domain to **Saintech Energy Space Systems Pvt. Ltd** Special Category: New Skill Initiative in North-East India to **Valuer Fabtex, Guwahati**  
**Details at page 7**

## SCGJ participated at COP 24



The 2018 United Nations Climate Change Conference was the 24th Conference of the Parties to the UNFCCC. It was held between 2 and 15 December 2018 in Katowice, Poland. Negotiators from 196 countries including India participated.

COP24 President Michał Kurtyka mentioned that "We are committed for the fate of Earth, which is our home and the home of future generations who will come after us" we have taken a big step towards achieving the ambitions set in the Paris Agreement, to which our children will look back at some point and consider that their parents made the right decisions in an important historical moment."

## COP24 President Michał Kurtyka



## Chairman SCGJ speaking at COP24

Chairman SCGJ, Mr. K.Krishan participated in COP24 as part of FICCI delegation. After two weeks of intense negotiations, the COP24 climate talks ended in the late hours of Saturday, December 15th 2018. In the two weeks deliberations, nearly 200 countries were busy developing a set of rules to operationalize the 2015 Paris Agreement, in which they agreed to strive to limit the rise in global warming to well under 2 degrees Celsius, over pre-industrial levels, by 2100.

Mr. Krishan mentioned that Finance has two broad aspects. One, where the developed countries shall provide visibility on the quantum of funds that would be made available to developing countries' efforts for fighting climate change (under Article 9.5). The second aspect is when developed countries are to state how much funding they have provided (Article 9.7). There is concern that developed countries are not going to be forced to make a distinction between any grants they may give and commercial loans that would have to be repaid with interest.



## Need for a Systems approach across all renewable energy sectors

Innovative and more sustainable ways of meeting our energy needs are accelerating the paradigm shift away from a world run on fossil fuels. The pace of the transition has to accelerate to achieve the goals established in the Paris Agreement. Policy support for renewables focused mostly on power generation, whereas policies for the heating and cooling and transport sectors have remained virtually stagnant. A systems approach is needed across all sectors. There is a need to broaden the definition of a renewables-based energy system to one that moves beyond the traditional, narrow construct of renewable energy sources.

The subject of Bio fuels was transferred from Ministry of New and Renewable Energy to Ministry of Petroleum and Natural Gas last year. Biofuel Policy was announced... The policy takes into consideration various facets like Role of Government, Return on investment, Minimum Assurance etc. Approximately \$2 Billion is being invested by the Government Companies by way of R&D on Second Generation (2G) Biofuel Refineries across the country. Ways are being explored on conversion of urban, rural waste to fuel; use of waste/barren lands for cultivation of feedstock for 2G biofuels.

Biofuels is a cost effective and environment friendly substitutes to conventional fuels. Besides bringing down pollution, biofuels produced indigenously from agricultural waste,

plants like bamboo, non-edible oilseeds, or municipal waste will help reduce the country's huge import burden. In addition, it will also generate employment and boost the economy of rural areas, including the North East and the barren wastelands of the country.

The automobile growth in our country is an unsustainable 22 percent. So efforts are on in a big way to promote public transport based on cheaper and greener biofuels and electricity. India has brought in the necessary regulations for flexi engines. Nagpur city is running 55 buses on 100 percent bio ethanol and another 50 on Bio CNG derived from methane from sewage water. This is in addition to a 200 strong fleet of electric taxis and autos. The shipping and inland waterways sectors too are gearing up for running ships and barges on methanol.

There are many pathways by which biomass feedstock can be converted into useful renewable energy. A broad range of wastes, residues and crops grown for energy purposes can be used directly as fuels for heating and cooling or for electricity production, or they can be converted into gaseous or liquid fuels for transport or as replacements for petrochemicals. Many bioenergy technologies and conversion processes are now well-established and fully commercial. A further set of conversion processes – in particular for the production of advanced liquid fuels – is maturing rapidly.

Local and global environmental concerns, rising energy demand and energy security continued to drive increasing production and use of bioenergy

Skill Council for Green Jobs.



Inviting  
participation

28<sup>th</sup> to 30<sup>th</sup> January -2019

## INVITATION to Industry, Training partners, Venter Capitalist Innovators

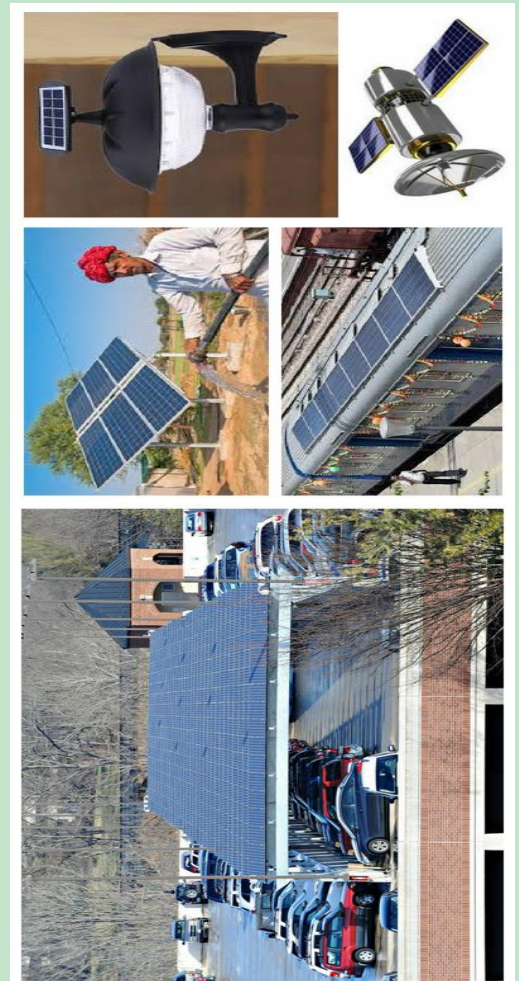
Skill Council for Green Jobs (SCGJ), in association with Enxpo Infomedia Pvt. Ltd., is organizing an International Exhibition cum Conference "Sigma Summit 2018" on "Solar Energy Applications and Innovations" from 28<sup>th</sup> to 30<sup>th</sup> January 2019 at Jawaharlal Nehru Stadium, New Delhi.

The "Sigma Summit 2018", is targeted to focus on various Solar Energy Applications and innovations being done to use Solar Energy across various countries. The objective is to bring together all solar energy system developers and integrators to showcase their strength in Solar Energy Systems including solar rooftop. The Summit is aiming to get companies from developing and developed countries promoting various applications of solar energy with a view to have product display, B2B meetings and entrepreneurship development with VC support.

The summit would have a major vertical of showcasing design and skill strength of participating country in the solar domain. It is proposed to invite leading training institutions to participate in solar skill competitions, organize dedicated entrepreneurship development activities by establishing industry connect and undertake skill gap analysis.

Towards innovations with high potential of commercialization, the summit proposes to bring together R&D wings of industry, academia and R&D Institutions to demonstrate and deliberate on upcoming innovations in Solar Energy System.

The Sigma Summit would be first of its kind, dedicatedly focusing on Solar Energy Applications and would attract small and medium sized industries and institutions involved in skilling, prospective entrepreneurs and innovators.



# Swachh Bharat Mission (SBM)

## and SCGJ

Swachh Bharat Mission (SBM) is a campaign in India that aims to clean up the streets, roads and infrastructure of our cities, smaller towns, and rural areas. The campaign was officially launched on 2 October 2014 at Raj Ghat, New Delhi by Prime Minister Mr. Narendra Modi.

National Safai Karamcharis Finance & Development Corporation (NSKFDC) is playing a vital role in SBM. NSKFDC is as an Apex Corporation for the all round socio-economic upliftment of the Safai Karamcharis, Scavengers and their dependants throughout India, through skill development and various loan and non-loan based schemes. On the eve of Gandhi Jayanti on 2nd October, 2014 NSKFDC has launched a new scheme viz. Swachhta Udyami Yojana- "Swachhta Se Sampantta ki Aur". This Scheme has twin objective of cleanliness and providing livelihood to Safai Karamcharis and liberated Manual Scavengers to achieve the overall goal of "Swachh Bharat Abhiyan" initiated by the Hon'ble Prime Minister.



2<sup>nd</sup> October, 2018 SCGJ in collaboration with NSKFDC kicked-off the 150th Birth anniversary commemoration of Mahatma Gandhi with the Launch of pan India \*Workshops on Prevention of hazardous cleaning of Sewer and Septic tanks. Shri T. Gelhot, Union Minister for Social Justice and Empowerment\*, Smt. Nilam Sawhney, Secretary MoSJE, Govt. of India, Shri K. Narayan, MD, NSKFDC, Mayor of East Delhi,

skill development programme for Safai Karamchari. As part of this project, RPL trainings have been imparted to 5458 safaikaramcharis were trained, assessed and certified PAN India through over 20 training partners of Skill Council for Green Jobs during September 2017 to August, 2018.

A qualification pack has been developed to train Safai Karamchari on Mechanized Cleaning, Personal health & safety while cleaning and MS act. This qualification packs is as per National Skill Qualification Framework. As part of this activity following have been accomplished :

- Training delivery plan for 35 hrs training
- Participation Handbook for Safai Karamchari
- PPTs to deliver 35 hrs training to Safai Karamchari

Corporations and their sub-contractors and waste pickers. There seems to be unlimited need in this sector for such programme. SCGJ has identify suitable training partners and given training to their trainers for delivery of training.

Considering the success and usefulness of the RPL training programme for Safaikaramcharis during 2017-18, NSKFDC has further given another project to SCGJ for conducting RPL training programme for 5000 more Safai Karamcharis across the country during 2018-19. This activity is also included in the list of activities to be completed in the yearlong celebration of 150th birth anniversary of Mahatma Gandhi from 2nd October, 2018 to 2nd October, 2019 by the Ministry of Social Justice and Empowerment. The trainings started from 2<sup>nd</sup> October, 2018 and so far 1200 safkaramcharis have been trained, assessed and certified PAN India through training partners of Skill Council for Green Jobs.

NSKFDC has given another project to SCGJ for conducting RPL training programme for 2500 Waste pickers across the country during 2018-19. This activity is also included in the list of activities to be completed in the yearlong celebration of 150th birth anniversary of Mahatma Gandhi from 2nd October, 2018 to 2nd October, 2019 by the Ministry of Social Justice and Empowerment.

As part of this project, Training delivery plan for 35 hrs training, Participation Handbook for Waste pickers, PPTs to deliver 35 hrs training to Waste pickers

The trainings started from 2nd October, 2018 and so far 300 waste pickers have been trained, assessed and certified PAN India through training partners of Skill Council for Green Jobs. The project will continue till 2<sup>nd</sup> October, 2019

As a part of yearlong celebration of 150th birth anniversary of Mahatma Gandhi from 2nd October, 2018 to 2nd October, 2019, the Ministry of Social Justice and Empowerment, through NSKFDC, has decided to hold workshops on precautionary measures to be taken for hazardous cleaning of sewers and septic tanks. The workshop are to be conducted for over 200 in big municipalities to sensitise the key stakeholders including the senior officers of municipalities, engineers, sanitation supervisors, contracts etc.



Hon' Minister for Local Administration, Govt. of Tamilnadu is distributing Tool Kit on 13.10.2018 for trainees of Safai Karamcharis conducted by NERD Society, Coimbatore in the presence of Commissioner of Coimbatore Corporation and the District Collector, Coimbatore

The responsibility of conducting 200 workshops including development of workshop content & technical material (PPTs and videos in 5 different languages) was given to Skill Council for Green Jobs. The workshop technical material was reviewed by a committee headed by Secretary, Ministry of Social Justice and Empowerment. The training material was approved and is now being used by 20 training partners of SCGJ spread PAN India. The delivery of workshops was launched on 2<sup>nd</sup> October, 2018 by Hon'ble Minister Social Justice and Empowerment from East Delhi Municipal Corporation. 30 workshops have already been delivered. The task of 200 workshops is to be completed by 2<sup>nd</sup> October, 2019.



Dr. P.Saxena, CEO, SCGJ



## Skilling and Training of Women in Smart Gram Project



Skill Council for Green Jobs (SCGJ) had implemented a project entitled ‘Simultaneous Intervention of Renewable Energy Systems and Skilling’ in five villages of Haryana adopted by former Hon’ble President of India, Shri Pranab Mukherjee to be developed as “Smart Model Village”. The aim of the initiative was to make a convergence of Central and State Government schemes and to take initiatives in the fields of energy conservation, green energy generation, waste management, water conservation, health and wellness, governance, skill development etc. These villages, namely Tajnagar, Daulha, Rojka Meo, Alipur and Harchandpur, are about 20 km from Gurugram. The initiative is now being extended to

45 more villages in the cluster of 5 original villages.

The Phase I of the project, implemented in 5 villages during October, 2016 to Dec. 2017, was supported by Indian Renewable Energy Development Agency (IREDA) as its CSR activity. As part of this project, 1874 improved cook stoves / induction cookers, 1150 mechanical water purifiers and 25 E-rickshaws were promoted. The Solar and/or Improved cook stove Entrepreneurs were used to promote the mechanical water purifier also. The project had identified entrepreneurs and encouraged them to set up “Green Stores” to make available various domestic solar PV systems including roof top PV power plants at the door step of each village and develop local youth to provide sustainable service. In collaboration with Electronics Sector

Skill Council, about 40 young people have been trained to maintain Solar PV systems. A training center was opened at Udyog Kunj for providing training on solar PV systems.

Awareness workshops and one to one interaction were held for identification of E-rickshaw entrepreneurs. Workshops were also held with bank officials to educate them about the E-Rickshaws. Training of the entrepreneurs on handling and maintenance of E-Rickshaws were carried out. Local youths were also involved in setting of Service-cum-Sale centers. A total of 25 individuals were supported for the purchase of E-rickshaws through the individual dealers.

Following this IREDA funded project (Phase I), SCGJ also implemented 30 Rooftop Solar Photovoltaic (SPV) power plants project on the public buildings in these 5 villages under CSR funding from Rural Electrification Corporation Limited (REC). A total of 143 kW SPV power plants have been installed in these five villages. An indicative target of 20% blending of Ethanol in petrol and 5% of biodiesel by 2030.

In order to maintain the momentum of the 5 villages, the clean energy interventions of SCGJ are now being extended to 45 more villages, which are at the periphery of original 5 villages. These villages are taken as focal points for each cluster namely Alipur Cluster, Daulha Cluster, Harchandpur Cluster, Tajnagar Cluster and RojkaMeo Cluster. Villages in each cluster are in a radius of about 5 KM from the focal point.

This on-going project (Phase II) envisages promotion of 12,000 clean cooking systems, 10,000 mechanical water purifiers, setting-up 10 nos. Urja shops i.e. 2 shops in each cluster through RE entrepreneur, support to 225 families to buy e-rickshaw and setting-up 10 solid waste management facilities. The project is sanctioned by Rural Electrification Corporation Limited as CSR activity. Baseline study has been completed and the project is in initial phase of its implementation. Implementation of the project is mainly planned through development of local entrepreneurs



The project has two distinct components, (1) dissemination of various renewable energy systems, creation of facilities and (2) inculcating culture for regular use of systems, their efficient operation and regular maintenance.

SCGJ has already inculcated a strong feeling among residents of these villages for adopting clean and environment friendly technologies that will be self-sustaining and efficient. In addition, skilling and training of enthusiast women as women entrepreneurs for promotion, sale and adoption of Improved Cook stoves, setting up of Urja Shops for local youths for taking up sales of solar home lighting

And other Renewable Energy Devices, creation of

Entrepreneurs for running E-Rickshaws and setting up of a Solid Waste Management system with Material Recovery Facility would certainly create avenues of employment and also meet the objectives of developing Swach, Swasth and Sasakat Gram Models as a part of the Smart Gram Initiative. Solar PV rooftop installations set up by SCGJ for generating green power also need to be maintained and managed. Seeing the success of SPV systems, villagers are also putting up their own solar systems. Hence, all the activities initiated need to be supported through skilling and training of local entrepreneurs to manage

these systems and create livelihood opportunities.

SCGJ and UNDP propose to skill and train women to create a cadre of local women entrepreneurs who not only manage these devices but also set up green business leading to their empowerment and upliftment. Keeping in view, the mandate of UNDP and the activities for livelihood creation of women being taken up under the Disha project and the objectives of SCGJ to create employment and entrepreneurship through skilling and training, the proposal has been developed to ensure that the clean cookstove and other RE devices provided under the SmartGram Initiatives are used continuously and properly maintained.



----- Two-day National Conference Towards Peace, Harmony and Happiness: Transition to Transformation organized by Pranab Mukherjee Foundation.-----

20 women entrepreneurs selected from these 50 villages would be trained on entrepreneurship skills and would also be imparted technical training on sales and maintenance of Improved Cook stoves, Induction cookers, gravity water filters, various solar PV lighting systems, solar roof top installations. A few women would

also be involved in the management of Material recovery facility (waste management) proposed to be created. The training to these women would be as per National Occupational Standards developed by SCGJ for these systems, where ever possible, through certified trainers. If the women entrepreneurs qualify, they would also be certified for the trainings.

SCGJ has developed Qualifications Packs (QPs) for Solar Lighting technician & Solar PV Project Helper and Portable Improved Cookstove Sales and Maintenance Executive. Under the project, training will also be provided to some selected candidates found qualified on these QPs. After the training, the candidates trained as Solar Lighting Technician would assemble, test and repair different types of solar photovoltaic (SPV) home lighting systems and street lights, Solar PV Project Helper would assist in the activities related to erection, commissioning and maintenance of solar PV power plants and installation and maintenance of off grid solar systems and Portable Improved Cookstove Sales and Maintenance Executive would be able to market, sell and provide aftersales service of clean cook stoves. An attempt would be made to create a "Solar PV home lighting system assembly unit", run by women entrepreneur to meet long term requirement of the clusters.

SCGJ proposes to skill and train the local women from these five clusters of Alipur, Daulha,

Harchandpur, Tajnagar and RojkaMeo where the projects are being implemented so as to create a cadre of local entrepreneur to promote green business in these villages. These entrepreneurs would extend their business and services to all other adjoining villages.

This project is expected to create gainful employment of women through skilling, trainings and entrepreneurship. The project would create a path of sustainable development through a low carbon economy so as to eradicate poverty and generate livelihoods for rural women in these villages which is in line with objective of Disha programme of UNDP.



**Dr. (Mrs.) Praveen Dhamija**  
Advisor, SCGJ  
(Biomass & Sustainable Livelihood)



# Low Carbon Transition in Indian Power Sector

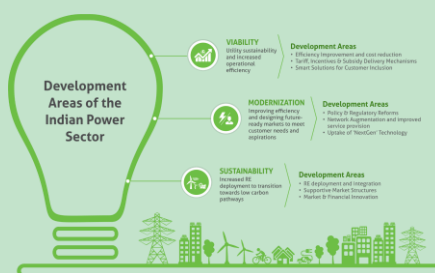
India is at the center of the global energy stage. It has the third largest energy consumption in the world but per capita, electricity consumption is around a third of the world average. Moreover, Indian electricity demand is expected to continue to expand as a result of economic and population growth, along with increased urbanization and industrialization. India is therefore faced with a triumvirate of challenges: how to i) expand access, ii) meet growing electricity demand and iii) integrating renewable energy, all while iv) transitioning to a low-carbon electricity system in order to achieve ambitious economic, social and climate objectives.

India's power grid is one of the world's largest synchronized networks, with about 334 giga watts (GW) of installed capacity with a renewable energy share of 63 GW (19.5 GW solar and 32.95 GW wind). As the Government of India has set a target of 175 GW renewable power installed capacity by the end of 2022 several issues on Renewable Energy Integration and Grid stability needs to be addressed.

Issues related to RE Integration of 175 GW by 2021-22 and Grid stability were brought out in the National Electricity Plan drafted by Central Electricity Authority (CEA), and prepared under the aegis of Ministry of Power and in consultation with POSOCO, State Governments, the Central Electricity

Regulatory Commission, NITI Aayog and various other stakeholders. The following are the issues related to RE Integration and Grid Stability as reported by CEA;

- The inherent variability of wind and solar resources complicates evaluations of whether a system with significant variable RE has adequate supply to meet long-term electricity demand.
- Renewable Energy Sources like wind and solar power depends on nature and their power is non-dispatchable.
- Solar Generation gradually increases after dawn and reaches a maximum around noon and then gradually decreases and becomes zero with the advent of the evening. Solar plants follow a fixed pattern like maximum generation during noon time and "NIL" at night.
- Cloud movement is highly unpredictable making the output from a solar plant highly uncertain and resulting in rapid changes in the output.



Wind energy is subject to daily and seasonal weather patterns. Changes in wind generation occur slowly during the course of hours during the approaching storm. Wind follows a seasonal pattern-maximum during monsoon Although Bureau of Energy Efficiency has launched a programme for capacity building of DISCOMs for smooth low carbon energy transition, Skill

Council for Green Jobs can extend their role in training personals in the RE integration activities managed by Distribution Companies (DISCOMs) for better demand-side management needed for low carbon energy transition. SCGJ may create Master Trainers from officials of DISCOMs under Training of Trainers (ToT) and then train circle level officials of DISCOMs under Capacity building workshops. The training modules may contain the following components:

1. Basics of Electric Systems Operations
  - Basics of Power Systems Planning and Operations
  - Grid Impact of Variable Generation at High Penetration Levels
2. Transmission and Integration Solutions
  - Generation and Transmission Planning for Renewables
3. Forecasting
  - Energy Forecasting as a Way to Integrate Renewable Energies
4. Energy Storage
  - Old Markets, New Markets, and New Market Models for Energy Storage
  - Applications of Energy Storage for Renewable Integration
5. Demand Response
  - Demand Response in Provision of Electricity Service: Matching Technical Possibilities with Consumers' Convenience



**Vibhash Trivedi**  
Technical officer SCGJ

# India Skills National Competition (Water Technology)

2<sup>nd</sup> – 5<sup>th</sup> October,  
2018



Water is a scarce resource, we use water in our everyday lives but we rarely care for it. But as the environmental awareness is growing, our society has started feeling to management of Water properly. Management of water starts from pumping the water from ground, treatment for specific use, management of Distribution network, collection of used water in segregated manner, treating it again for further use. To manage all these a huge number of skilled water technicians are required.

World skills has also recognized the importance of skills in water Technology and introduced Water Technology as a Demo skill in 2013. The skills evaluated in world skills are:

1. Work organisation and Management
2. Communication and Interpersonal
3. Electrical
4. Mechanical
5. Environment Protection
6. Chemical and Biological- Quality Assurance
7. Communication automation and Documentation

This year Water Technology was also included in India Skills and skill Council for Green Jobs was appointed to identify participants, select them for India Skills and analyze their performance. 28 participants from across 9 states have nominated themselves and after a rigorous series of examinations 4 participants were selected for India Skills National.

Out of the four candidates three were from CVRCE, Bhubaneswar and one from RTU, Rajasthan. As the results are declared today, am happy to announce that the Top three competitors are from the same institution.

S. no	Competitor Name	State	Rank
1	Mr. S Aswatha Narayana (WSI-COM-12153)	Odisha	1 <sup>st</sup>
2	Mr. Somnath Khatei (WSI-COM-12156)	Odisha	2 <sup>nd</sup>
3	Mr. Rishi Mukherjee (WSI-COM-12151)	Odisha	3 <sup>rd</sup>
4	Mr. Dilip Prajapat (WSI-COM-12176)	Rajasthan	4 <sup>th</sup>

Result Confirmed by all JURY

S.no	Result Confirmed by all JURY	State	Date
1	S Sendil Kumar	Andhra Pradesh	6 <sup>th</sup> September 2018
2	Arpo Mukherjee	West Bengal	6 <sup>th</sup> September 2018



Skill Council for Green Jobs



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domain to SOUL Initiate of IIT Bombay



## Training of trainers at Solar PV Sector & Waste Management Sector

17<sup>th</sup> - 21<sup>st</sup> December 2018

Skill Council for Green Jobs organized a Training of Trainers program in Solar and Waste management Sector from 17<sup>th</sup> December to 21<sup>st</sup> December 2018 at SEACOM Engineering College, Dulagarh, and West Bengal. Twenty Eight (28) participants participated in the Solar Domain and Seven (7) participants participated in waste management sector. The Participants were from West Bengal, Odisha, Bihar, Jharkhand, Assam and Maharashtra.



The ToT program was formally inaugurated by Mr. Anish Chakroborty, Chairman, SEACOM Group & Mr. Satyanarayana Mohapatra, Managing Director, ADS Foundation. The Training Encompassed on 3 Days of Technical Skills, One day of Platform skills and One day of Hand on Training.

## SCGJ's Participation in 31st Industrial Job Fair in Park Circus Kolkata.

21<sup>st</sup> - 31<sup>st</sup> December 2018



Shri Manish Kumar MD, NSDC while addressing on 31st Industrial trade fair on 26<sup>th</sup> December 2018 in Kolkata mentioned that Sector skill Council for Green Jobs is doing fabulous Job by aligning them self to different Missions of Govt. of India like Swachh Bharat Yojna, National Solar Mission, Clean Ganga Mission and all. The no of workers will reduce in Agriculture sector and increase in Service sector and green jobs sector. Skill Council for Green Jobs is exhibited at Park Circus ground, Kolkata from 21st Dec to 31st December at 31st Industrial Trade fair.



SCGJ

SKILL COUNCIL FOR  
GREEN JOBS

# The Editor of this edition



Arpo Mukherjee is a Mechanical Engineer with his Master's in Business Administration in Power Management from UPES. He has served renewable energy sector for more than 7 years. He also worked in MNRE (Ministry of New and Renewable Energy) as a Technical Analyst. He is a passionate cyclist and earned his SR (Super Randonneur) Title in the year 2017.

## Arpo Mukherjee

Arpo Mukherjee is one of the founder members of SCGJ. He joined SCGJ just after 3 months of its formation.

Arpo Mukherjee, at present holds the position of Manager Projects, Skill Council for Green Jobs. He has been given the responsibility to handle the activities of SCGJ in Eastern and the North-eastern States of India. Arpo has also developed several Qualifications packs, Curriculums and Courseware related to Solar Sector, Wastewater Sector, and Waste Management Sector. Arpo has also organized India's first Solar Skills Completion in Sep' 2017.

## Green Jobs News

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