

**GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
DIRECTORATE OF EDUCATION: SCHOOL BRANCH
OLD SECRETARIAT DELHI-110054**

No. DE.23(412)/Sch.Br./2018/pt/ 545

Dated:- 7/8/19

CIRCULAR

**Subject:- Regarding to conduct Students Solar Ambassador Workshop on
2nd October 2019**

Please find enclosed herewith the letter received from Dr. Chetan Singh Solanki, Professor, Department of Energy Science and Engineering, IIT Bombay, which is regarding to conduct Students Solar Ambassador Workshop on 2nd October 2019.

All the Heads of Govt. /Govt. Aided /Unaided recognized schools are requested to bring in the notice of all the students of their schools to register and participate in the above said workshop. For complete details refer enclosed letter.

This issues with the approval of Competent Authority.

Encl: As above.


26/08/19
DDE (Schools)


All Heads of Govt. /Govt. Aided/Unaided recognized schools through DEL-E'

No. DE.23(412)/Sch.Br./2018/pt/ 545

Dated:- 7/8/19

Copy to:-

- 1.PA to Director (Education)
- 2.Dr. Chetan Singh Solanki, Professor, Deptt of Energy Science
And Engineering, IIT Bombay
- 3.All RDs/DDE (District/Zone) for information.
- 4.OS(IT) to please paste it on the website
- 5.Guard File


6/8/19
OSD (Schools)



भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई-400 076, भारत

Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

दूरभाष/Phone : (+91-22) 2572 2545

फैक्स/Fax : (+91-22) 2572 3480

वेबसाईट/Website : www.iitb.ac.in

REF/121/GGSY/07-19

22nd July 2019

To,
Shri. Binay Bhushan
Director (EDN), Directorate of Education
New Delhi
India.

*DE has desired to examine the proposal and
put up on priority.*

DDE (School)

*Prasid
29/07/2019*

Subject: Request to write to all Schools of Delhi under Directorate of Education to conduct **PRADIP KUMAR PRASAD** Ambassador Workshop on 2nd October 2019, as a part of GGSY, IIT Bombay.

PRADIP KUMAR PRASAD
Section Officer
Par. Br. of Director (Education)
Govt. of NCT of Delhi

Dear Shri. Bhushan Ji,

In the wake of energy sustainability and mitigating climate change, the idea of "Energy Swaraj" or localized energy self-sufficiency has been conceptualized as a global movement. Gandhi Global Solar Yatra (GGSY, www.ggsy.in) is planned by IIT Bombay not only in India but across the globe to sensitize the young minds towards solar energy and dire consequences of climate change. The young generation, who will bear the maximum burden of climate change, has to be an integral part of this clean energy revolution and Energy Swaraj.

A culmination event of this yatra, the Students Solar Ambassador Workshop, is being organized across the globe on 2nd Oct. 2019, marking the 150th Birth Anniversary of Mahatma Gandhi, wherein hands-on training will be given to students to make their own solar study lamp at their own Schools. More than 100 countries have registered for the event, and an estimated 30 Lakh students will take part in this global event. A similar workshop was also organized on 2nd October 2018, wherein more than 1.30 lakh students assembled their own solar study lamps all over India, which was also a Guinness World Record event.

In the above context, we would like you to write a letter to schools of Delhi to participate in this one-day mega-global event on 2nd October 2019. The organization are requested to register at www.ggsy.in. Following points should be kept in mind while registering:

- Each school will conduct the event within their own premises.
- All students of age 11 years and above are encouraged to take part.
- Schools require (a) master trainers, and (2) solar lamp kits. Schools can nominate teachers to become master trainer on the www.ggsy.in after registration, the training to master trainers will be provided through online course developed by IIT Bombay.
- The school need to procure the lamp kit with tool kit to assemble. The cost of lamp kit, tool kit, taxes and transportation is Rs. 510. The list of vendors from where the kits can be procured is given on the website. Payment for the kits are to be made directly to the vendor.
- Certification fees of INR 10 per student is to be paid to IIT Bombay donation account.

We look forward to your positive response.

With kind regards,

Dr. Chetan Singh Solanki,
Professor, Department of Energy Science and Engineering, IIT Bombay
Copy to

1. Delhi SSA Teachers Association

*1520/BSE/BEH
31/7/19*

Mr Sharma 201/310

*11982/08
31/7/19*



भारतीय प्रौद्योगिकी संस्थान मुंबई
पवई, मुंबई-400 076, भारत
Indian Institute of Technology Bombay
Powai, Mumbai-400 076, India

दूरभाष/ Phone : (+91-22) 2572 2545
फैक्स/ Fax : (+91-22) 2572 3480
वेबसाईट/Website : www.iitb.ac.in

REF/119/GGSY/07-19

22nd July 2019

To,
Shri Manish Sisodia
M.O.E, Directorate of Education
New Delhi
India.

Subject: Request to write to all Schools of Delhi under Directorate of Education to conduct the Students Solar Ambassador Workshop on 2nd October 2019, as a part of GGSY, IIT Bombay.

Dear Shri. Sisodia Ji,

In the wake of energy sustainability and mitigating climate change, the idea of "Energy Swaraj" or localized energy self-sufficiency has been conceptualized as a global movement. Gandhi Global Solar Yatra (GGSY, www.ggsy.in) is planned by IIT Bombay not only in India but across the globe to sensitize the young minds towards solar energy and dire consequences of climate change. The young generation, who will bear the maximum burden of climate change, has to be an integral part of this clean energy revolution and Energy Swaraj.

A culmination event of this yatra, the **Students Solar Ambassador Workshop**, is being organized across the globe on **2nd Oct. 2019**, marking the **150th Birth Anniversary of Mahatma Gandhi**, wherein hands-on training will be given to students to make their own solar study lamp at their own Schools. More than 100 countries have registered for the event, and an estimated 30 Lakh students will take part in this global event. A similar workshop was also organized on 2nd October 2018, wherein more than 1.30 lakh students assembled their own solar study lamps all over India, which was also a Guinness World Record event.

In the above context, we would like you to write a letter to schools of Delhi to participate in this one-day mega-global event on 2nd October 2019. The organization are requested to register at www.ggsy.in. Following points should be kept in mind while registering:

- Each school will conduct the event within their own premises.
- All students of age 11 years and above are encouraged to take part.
- Schools require (a) master trainers, and (2) solar lamp kits. Schools can nominate teachers to become master trainer on the www.ggsy.in after registration, the training to master trainers will be provided through online course developed by IIT Bombay.
- The school need to procure the lamp kit with tool kit to assemble. The cost of lamp kit, tool kit, taxes and transportation is Rs. 510. The list of vendors from where the kits can be procured is given on the website. Payment for the kits are to be made directly to the vendor.
- Certification fees of INR 10 per student is to be paid to IIT Bombay donation account.

We look forward to your positive response.

With kind regards,

Dr. Chetan Singh Solanki,
Professor, Department of Energy Science and Engineering, IIT Bombay

Copy to

1. Delhi SSA Teachers Association

29th July 2019

To,
<Principal>
<School, DOE>
New Delhi

Subject: Student Solar Ambassador Workshop 2019, IIT Bombay

Dear XXXX,

In the wake of energy sustainability and mitigating climate change, the idea of “Energy Swaraj” or localized energy self-sufficiency has been conceptualized. **Gandhi Global Solar Yatra** (GGSY, www.ggsy.in) is planned by IIT Bombay not only in India but across the globe to sensitize the young minds towards solar energy and dire consequences of climate change. The young generation, who will bear the maximum burden of climate change, has to be an integral part of this clean energy revolution and Energy Swaraj.

A culmination event of this Yatra, the **Students Solar Ambassador Workshop**, is being organized by IIT Bombay on **2nd Oct. 2019**, marking the **150th Birth Anniversary of Mahatma Gandhi**, wherein hands-on training will be given to students to make their own solar study lamp. A similar workshop was also organized on 2nd October 2018, wherein more than 1.30 lakh students assembled their own solar study lamps all over India, which was also a Guinness World Record event.

In the above context, you are requested to encourage students to participate in this one-day mega- global event on 2nd October 2019. Following points should be kept in mind while registering:

- Each School can conduct the event within their own premises & also can be a part of the one-day Mega event to be organised in Delhi on 2nd October 2019 where more than 10,000-15000 students will be given hands on training to make their own solar study lamps.
- All students of age 11 years and above are encouraged to take part.
- School require (a) master trainers, and (2) solar lamp kits. School can nominate teachers to become master trainer on the www.ggsy.in after registration, the training to master trainers will be provided through online course developed by IIT Bombay.
- The School need to procure the lamp kit with tool kit to assemble. The cost of lamp kit, tool kit, taxes and transportation is Rs. 510-530. The list of vendors from where the kits can be procured is given on the website. Payment for the kits are to be made directly to the vendor.
- Certification fees of INR 10 per student is to be paid to IIT Bombay donation account.

We look forward to your positive response.

With Kind Regards,

Binay Bhushan

Director (EDN)

New Delhi



STUDENT SOLAR AMBASSADORS WORKSHOP

Promoting Localized Energy Self-sufficiency for Sustainability

BACKGROUND

Today's world is at the crossroads of a contradictory energy scenario wherein, on the one hand, energy access has to be provided to billions while, on the other hand, increasing demand and usage of energy is causing catastrophic climate change. Sustainable Development Goal (SDG) 7 calls for ensuring access to affordable, reliable, sustainable & modern energy for all. However, still, more than 1 billion people lack access to electricity while an estimated 2.8 million people lack access to clean cooking fuels. On the other hand, the over-exploitation of fossil fuels has made the world already hotter by nearly 1°C. The 2018 IPCC report finds that limiting global warming to 1.5°C would require "**rapid and far-reaching**" transitions in energy and there is a need to adopt 100% Renewable Energy as early as 2050 in the purview of the climate.

GANDHI GLOBAL SOLAR YATRA

Mahatma Gandhi has always propagated "Not mass production but production by the masses". It is high time that we pay gratitude and thus adopt Gandhian ideologies while celebrating the 150th Birth Anniversary of Mahatma Gandhi. The Gandhi Global Solar Yatra (GGSY) is planned to promote self-sufficiency in energy for sustainability by providing complete, cost-effective, reliable, and sustainable solar energy access while protecting the environment, creating livelihoods, and empowering locals.

STUDENTS SOLAR AMBASSADOR WORKSHOP

A culmination event of GGSY, the Student Solar Ambassador Workshop will be organized on 2nd Oct. 2019, aimed to sensitize the young (future) generations who will be bearing the maximum burden of climate change. Their sensitization and participation as solar ambassadors in climate mitigation efforts are important. Therefore, a workshop to train students and sensitize them towards solar energy is being organized on 2nd October 2019, marking the 150th birth anniversary of Mahatma Gandhi, who epitomized the cause of non-violence (principles). This will be a mega-global event, wherein more than 1 million students from over 100 countries will get hands-on training to assemble their own solar study lamp. All the Students Solar Ambassador on 2nd Oct. will also take a pledge of Non-Violence towards Environment. A similar workshop was also organized by IIT Bombay (Guinness World Record event) on 2nd Oct. 2018 across India wherein more than 1.30 lakh students from 857 schools assembled their own solar study lamps.

PARTICIPATION PROCESS

All institutions/organization, non-profit as well as for-profit are invited to take part in this event to show your solidarity towards mitigating climate change. The institutions and organizations who intend to participate in this global mega-event can register themselves as "Workshop Associate" on <https://www.ggsy.in/collaborate.php>. After registration, our team will get in touch with you with the detailed guidebook for conducting the workshop.



Applying Gandhian Principles for

Energy Sustainability and Mitigating Climate Change

Today the world is at the crossroads of a contradictory energy scenario wherein, on the one hand, energy access has to be provided to billions while, on the other hand, increasing demand and usage of energy is causing catastrophic climate change. Billions of people lack access to electricity and clean cooking fuels. However, on the other hand, the over-exploitation of fossil fuels has made the world already hotter by nearly 1°C. The 2018 IPCC report finds that “**limiting global warming**” to 1.5°C would require “**rapid and far-reaching**” transitions in energy and there is need to adopt 100% Renewable Energy as early as 2050 in the purview of the climate.

The 7.6 billion people on earth today are consuming more resources than the earth’s capacity to generate those resources in the same year. Not sustainable! The world needs to switch towards green energy sources and utilize energy efficiently for sustainability of energy to reduce greenhouse gas emissions. Renewable energy technology-based solutions today, particularly solar due to advancement in technologies and reduction in cost, can be utilized to meet the complete 24x7 energy needs locally and sustainably. The approach of generation and consumption of energy to fulfill our requirements needs a relook. In this context, Energy Swaraj can be thought of, based on the Gandhian principle of “*not mass production but production by the masses*” is required to be applied for energy sustainability to address United Nations’ Sustainable Development Goals.

Local people can be trained to own, manage, and operate solar enterprises at every level including assembly, sale, after-sales service, and manufacturing. In the context, **Solar Urja through Localization for Sustainability (SoULS, www.soulsiitb.in)** initiative of IIT Bombay provides appropriate solutions for energy sustainability. The advancement in solar technology together with cost reduction, makes it possible to localize solar energy generation and consumption where local communities take care of assembly, supply, repairs and even manufacturing of solar products. In the lines of Gandhian philosophy of “self-reliance” and “swaraj” and the technological advancement, the idea of Energy Swaraj can be conceptualized, wherein communities consume and generate their own energy needs.

The **Gandhi Global Solar Yatra (GGSY, www.ggsy.in)** is organized in the context of climate change, energy access, self-sufficiency in energy and global harmony marking the 150th birth anniversary of Mahatma Gandhi. As a culmination event, the Students Solar Ambassador Workshop will be organized on 2nd October 2019 wherein more than 1 Million students will receive hands-on training in the solar lamp assembly.

The presentation and workshop will include the following:

1. Discussion on the sever effects of climate change
2. Viability of off-grid solar technologies in fulfilling the energy need
3. Gandhian Principles and their application for energy sustainability – Energy Swaraj
4. Highlighting SoULS Initiative



STUDENT SOLAR AMBASSADORS

5. Introduction to Gandhi Global Solar Yatra and Students Solar Ambassador Workshop
6. Hands-on Workshop on assembling a Solar Lamp

Brief Bio of Prof. Chetan Singh Solanki:

Dr. Chetan Singh Solanki, besides being a Professor at the Department of Energy Science and Engineering, IIT Bombay is also an educator, innovator, researcher, entrepreneur, author and philosopher, known for his remarkable work in the solar sector. He is currently leading two projects of national importance on the dissemination of affordable solar technology. The National Center for Photovoltaic Research and Education (NCPRE) houses one of the best research facilities on Photovoltaic (PV) technology in India. It is funded by the MNRE, Govt. of India, to provide R&D and education support for India's ambitious 100 GW solar mission. Prof. Solanki is one of the Principal Investigators at the center. Prof. Solanki is also the Principal Investigator in the Solar Urja through Localization for Sustainability (SoULS) project at IIT Bombay, which aims to provide solar study lamp to every child in rural India as part of its 'Right to Light' mission. Dr. Solanki believes in practicing yoga, breathing exercises and meditation for physical and mental well-being. He practices and promotes "being happy under all situations". He associates himself with Art of Living organization and as a teacher, has taken an active part in training young minds.

Guidebook
for
Workshop Associates

Student Solar Ambassador Workshop

2nd Oct. 2019

Become Part of a Historic Event at Global Scale

www.ggsy.in



**STUDENT SOLAR
AMBASSADORS**

- **Student Solar Ambassador workshop, 2nd Oct. 2019**

The Student Solar Ambassador Workshop, the seed concept of the Gandhi Global Solar Yatra, aimed to sensitize the young (future) generations who will be bearing the maximum burden of climate change. Their sensitization and participation as solar ambassadors in climate mitigation efforts are important. Therefore, a workshop to train students and sensitize them towards solar energy is being organized on 2nd October 2019, marking the 150th birth anniversary of Mahatma Gandhi, who epitomized the cause of non-violence (principles). This will be a mega-global event, wherein more than 1 million students from over 180 countries will get hands-on training to assemble their own solar study lamp. The workshop is expected to happen in at least 10,000 locations. 2nd Oct. 2019 is marked as 150th birth anniversary of Mahatma Gandhi, which is also celebrated as the International Day of Non-Violence. All the Students Solar Ambassador on 2nd Oct. will also take a pledge of Non-Violence towards Environment. A similar workshop was also organized by IIT Bombay (Guinness World Record event) on 2nd Oct. 2018 across India wherein more than 1.30 lakh students from 857 schools assembled their own solar study lamps.

Target

More than **millions of** Student Solar Ambassadors will be trained on 2nd Oct. 2019 wherein it is expected that hands-on training for **2.5 million** students in India and about **0.5 million students** outside India.

Workshop Associates

Who is a Workshop Associates?

- **Workshop Associates** are institutions or organizations such as Universities, Non-Governmental Organizations, Schools, Housing Societies or other organizations who will conduct the Students Solar Ambassador Workshop on 2nd October 2019 in their premises, hence the Workshop Associates are the most basic and important stakeholder in the entire mission.
- **Workshop Associates** are institutions who truly believe in the vision and support the objectives of Gandhi Global Solar Yatra and are crusaders of climate change. These institutions are propagators of energy sustainability
- **Workshop Associates** are energetic and enthusiastic institutions, who are working towards the provision of a sustainable future to the future generations on planet earth

What will be the roles and responsibilities of the Workshop Associates?

Workshop Associates will be responsible for the following:

1. Workshop Associates will be conducting the Students Solar Ambassador Workshop on 2nd Oct. 2019. In order to become Workshop Associates, they will sign-up on the website (<http://www.ggsy.in/collaborate.php>) as a workshop associate by 25th July 2019 to be a part of this global initiative.
2. Identify and fix the number of student participants who will be taking part in the Students Solar Ambassador Workshop 2019. The participating students have to be in multiples of 50 and a maximum of 5,000 students can be trained at a time. The Workshop Associates will register the details of the student participants on the web portal by 25th July 2019.
3. The Certification fees of INR 10 is to be paid after registration while freezing the exact count of participants.
4. Identification of one Coordinator to follow-up with IIT Bombay team for pre- and post-workshop related activities. Detailed roles and responsibilities of Coordinator given in sections below.
5. Identification of Master Trainers, who will be trained on how to assemble the lamps and how to deliver the training, using the online modules. **One Master Trainer to be identified for every 25 students.** Detailed roles and responsibilities of Master Trainers is given in sections below.

6. Identify the Master Trainers and upload their details on the web portal. They should ensure successful completion of the training of master trainers on the web portal. It is mandatory for the master trainers to complete the online training within the 31st July 2019 to deliver the training in the workshop.
7. Procure Solar Lamp Kits and Toolkits. The procurement has to be done directly from the vendors. The list of empanelled vendors and the fixed cost of the lamp kit will be made available on the web portal. **The full payment (100%) to the vendor has to be made in advance by the workshop associates.**
8. Make logistic arrangements for conducting the workshop on the premises of the workshop associates. Requirements of the venue should be met as per the instructions and guidelines provided by IIT Bombay
9. Display of printed material (backdrop/poster/banner) at the venue during the event. A soft-copy of these design files will be provided by IIT Bombay.
10. Update all the event-related documents on the web portal (www.ggsy.in/collaborate.php) within the given timeline, as per the instructions are given by IIT Bombay.
11. Promote the event in local media to encourage participation and create awareness about the event, by giving due acknowledgment to the IIT Bombay and Student Solar Ambassador (SSA) Event. The pre- and post-event press releases will be given by IIT Bombay to the Workshop Associates for the promotion of the event in the local media.

What are the steps to become Workshop Associates?

The process flow for the Workshop Associates will include the following:

Step-1: Register to become a workshop associate on our website <http://www.ggsy.in/collaborate.php> by filling in the registration form present on the website

Step-2: Post - Registration, the application submitted by the Workshop Associates will be scrutinized by IIT Bombay

Step-3: Once the approval is given by IIT Bombay, Workshop Associates will identify the Coordinator on the web portal, who will be a single point of contact for the workshop associate. The Coordinator will be responsible for coordinating with IIT Bombay for various workshop-related activities. The detailed roles and responsibilities of the Coordinator are discussed in the coming section.

Step-4: Workshop Associates (Coordinator) will then enter all the details of the workshop associates including the location details, the final number of participating students, etc. **Based on the number of students, the number of Master Trainers will be reflected.**

Step-5: Based on the number of Master Trainers, the Coordinator/workshop associate will identify the names of the Master Trainers. After the identification of the Master Trainers, their details need to be filled on the web portal. **The Master Trainers will be given the link to the online course, where they need to sign-up and pursue the training course floated by IIT Bombay.**

Step-6: Simultaneously, the Workshop Associates will have to start placing the order to the empaneled vendors based on the number of students that will be participating.

Step-7: The Workshop Associates as the next step will be responsible for enrolling the names of the participating students on the web portal.

Step-8: The Workshop Associates will be conducting the 2nd October 2019 with the participating students.

Step-9: Finally, the Workshop Associates are responsible for entering the details including the Feedback forms, event reports etc.

Support to Workshop Associates from GGSY

After becoming the Workshop Associates in the GGSY, the

- A welcome kit including ID, promotional material, etc
- Opportunity to interact with GGSY team as and when required
- Global visibility through your Name and Affiliation on GGSY website
- A Certificate of Participation after the 2nd Oct. 2019 event
- A Certificate of Course Completion to all the Master Trainers who have participated in the 2nd Oct 2019 event

Coordinator

Who is a Coordinator?

- **Coordinators** are a single point of contact that will be identified by Workshop Associates.
- **Coordinators** will be coordinating with the IIT Bombay team for conducting the workshop on 2nd Oct. 2019.

What are the roles and responsibilities of a Coordinator?

The roles and responsibilities of the Coordinator are as follows:

1. The coordinator will be responsible for Sign-up for the website to follow up with the Chief Coordinator of the Partner Organizations and IIT Bombay team for pre- and post-workshop related activities.

2. The coordinator will be responsible for the identification of Master Trainers, who will be trained on how to assemble the lamps and how to deliver the training, using the online modules.
3. They will be responsible for storage and segregation of the material at the venue as per the instructions provided by IIT Bombay.
4. They will be responsible for making logistic arrangements for conducting the workshop on the premises of the workshop associates.
5. Ensure all the event-related documents on the web portal within the given timeline are updated, as per the instructions are given by IIT Bombay.
6. They will be responsible for promoting the event in local media to encourage participation and create awareness about the event, by giving due acknowledgment to the IIT Bombay and Student Solar Ambassador (SSA) Event. The pre- and post-event press releases will be given to the Workshop Associates for the promotion of the event in the local media.

Master Trainer

Who is a Master Trainer?

- **Master Trainer** are individuals who will pursue the online training module of the solar lamp assembly and will be responsible of training the students on the day of the event.
- It is expected that **one Mater Trainer will train around 25 students**. Based on this ratio, the Workshop Associates have to identify the **number of master trainers required** to conduct the Students Solar Ambassadors Workshop.
- Please note that the **Master Trainers have to mandatorily have to complete the online course** to become a part of this global endeavor.

What will be the roles and responsibilities of the Master Trainer?

The roles and responsibilities of the Master Trainers are as follows:

1. Master Trainers have to complete the online training course by 15th August 2019. This is mandatory for all the master trainers.
2. Master Trainers are expected to provide effective training to 30-40 students at a time on the assembly of the solar study lamps and sensitize them relating to solar technology.
3. Master Trainers are expected to check and segregate the material, based on the guidelines floated by IIT Bombay as given in the training module.
4. Master Trainers have to ensure that they assemble at least one lamp prior to delivering the training.
5. Master Trainers should be able to solve the questions by the participants and should be able to troubleshoot all the product related issues
6. Ensure that the documentation of the training is done

What will be the Timeline for the Workshop Associates?

The detailed timeline for the Students Solar Ambassador Workshop 2019 is shown in the figure below:

1. Workshop Associates are supposed to sign-up on the web portal (www.ggsy.in) till **15th July 2019**. No entries will be accepted after the aforementioned date.
2. Identification of the Master Trainers will be done by Workshop Associates(Coordinator) till **30th July 2019**
3. The Training will be launched by 15th of April. The Identified Master Trainers will be able to undertake the online course post **15th April 2019**
4. Master Trainers are expected to complete the course till **15th of August**. Although the course is designed in a manner that the Master Trainers will be able to complete the course in a month, devoting 4 hours a week.
5. Based on the identified student participants, the Coordinator needs to place order of lamp kits to the vendors. They can start procuring the lamp kits from **15th April 2019 to 20th July 2019**.
6. The Coordinator needs to enroll the names and age of the students by the online entry of registered students. Please note: there will be no change in the number of students once entered. This online entry should be completed from **16th July 2019 to 15th Sept 2019**
7. The Coordinator needs to check the Prerequisites for the event at the venue, including the infrastructural facilities. Further, the Coordinator will be responsible for getting the material segregation done. This activity should be done till **1st Oct. 2019**

8. The Students Solar Ambassador Workshop will be conducted on 2nd Oct. 2019
9. The Coordinator will be responsible for the submission of Data Post-Event. After the submission of the data, IIT Bombay will be responsible for Issuing certificates. This activity will be done on 31st Dec. 2019

Background

- Context

Today, the world is on the crossroads of the energy contradiction, wherein, on one hand, there are billions who do not have access to energy and on the other hand use of energy is resulting in climate change. According to the International Energy Agency (IEA) Report, more than 1 billion people lack access to electricity while over 2.8 billion people lack access to clean cooking. As per the IPCC report of Oct. 2018, we need to have a **“rapid and far-reaching” transition in energy usage**. For mitigating climate change, there is an urgency to reduce the carbon emissions, and the world has to become net carbon zero by the year 2050, an extremely difficult task to achieve. In case the world fails to mitigate climate change, the global temperature is expected to rise up to 5°C by the end of this century in business as usual scenario, in which condition human existence itself will come under threat.

- SoULS Initiative

At Indian Institute of Technology (IIT) Bombay through its Solar Urja through Localization for Sustainability (SoULS, www.soulsiitb.in) initiative has been working on the facilitating localized solar solutions involving local communities in assembly, distribution, repair and maintenance, and even manufacturing of the solar products. These localized solar solutions can be a solution to both the issues of energy access as well as the mitigating the climate change. Through this SoULS Initiative, over 5 million families have benefitted through Solar Urja lamp project and more than 9,000 local people, particularly women, have earned some income through technology-based livelihoods. The SoULS Initiative is currently being implemented in 10 Indian states, covering the most marginalized families living in geographically isolated and remote areas. In addition, the initiative also helps local to open solar marts and even set up manufacturing units. The SoULS initiative has been working to develop open source hardware for solar based products. It has also developed solar PV based cooking solutions. Overall SoULS initiative has been working to **provide 24x7 solar energy solutions by locals for locals**.

- The Idea of Energy Swaraj

In the backdrop of energy access and climate change, an idea of **“Energy Swaraj”** or localized energy self-sufficiency has been conceptualized. Solar energy is infinite and use of solar energy to fulfill ALL our energy needs locally through the local operations of assembly, manufacturing, installation, and maintenance, as much as possible, is energy swaraj. It is a condition of localized energy self-sufficiency, it is localized

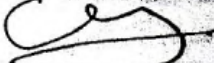
self-reliance of energy. In order to propagate Energy Swaraj, Gandhi Global Solar Yatra (GGSY, www.ggsy.in) is planned not only in India but across the globe. The young generation, who will bear the maximum burden of climate change, has to be an integral part of this clean energy revolution. A workshop on 2nd Oct. 2019 is being organized across the globe to make millions of people, especially students, a Students Solar Ambassadors.

Welcome to be a Part of a Historic Event at Global Scale

- The
- transp
- Payment
- Certificate

We look forward

With kind regards,



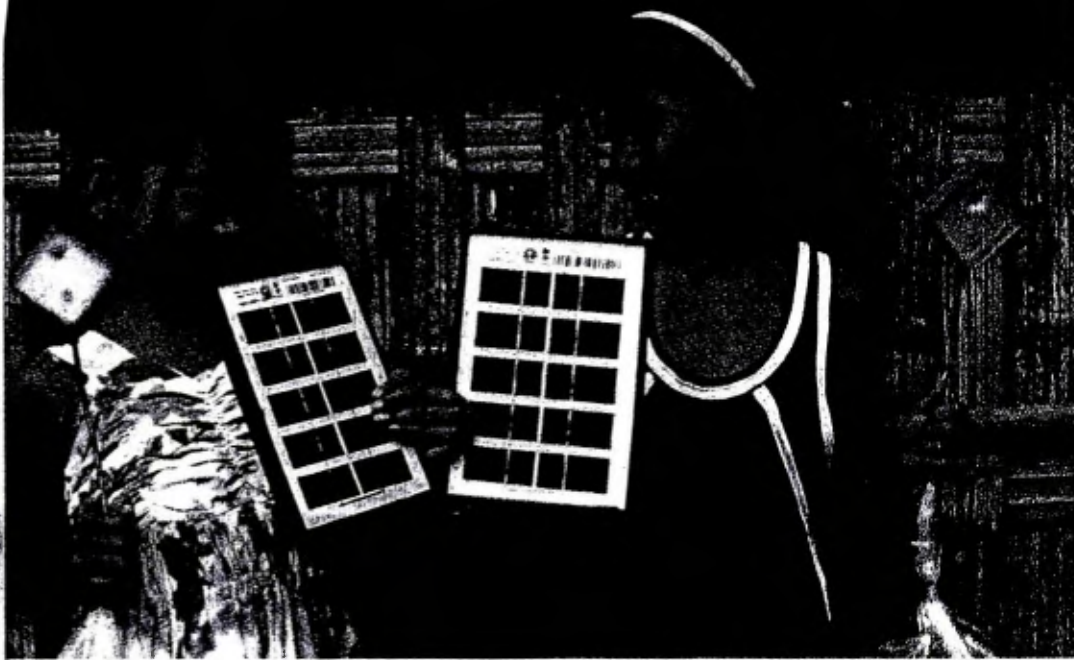
Dr. Chetan Singh Solanki,
Professor, Department of Energy
Copy to

1. Delhi SSA Teachers Association



STUDENT SOLAR
AMBASSADORS

Students Solar Ambassador Workshop 2019



Hands-on training to more than 1 Million Student Solar Ambassadors across the globe to make their own solar study lamps and pledge non-violence towards Environment

PARTICIPATE IN THIS GLOBAL EVENT, FOLLOW THE BELOW

- Ask your Principal/Teacher to register as a Workshop Associate
www.ggsy.in/collaborate.php
- Master Trainers get the training while the organization procure the material
- Organize the **Students Solar Ambassador Workshop** on 2nd Oct 20

**CERTIFICATION FOR ALL STUDENTS AND MASTER TRAINERS POST
SUCCESSFUL COMPLETION OF THE EVENT.**

For further details or queries,
Write to us at INFO@GGSY.IN
Or reach us at 022 - 2576 7895

COME, JOIN HANDS IN THIS GLOBAL ENDEAVOUR.



VISIT

www.ggsy.in