

CIE



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Shivamogga - 577204

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INTERNAL QUALITY ASSURANCE CELL (IQAC)

Invitation



STUDENT SOLAR AMBASSADORS WORKSHOP

ON 2ND OCTOBER 2019 @ 10-30 AM

VENUE : MBA / MCA AUDITORIUM, JNNCE, SHIVAMOGGA.

CHIEF GUEST :

Mrs. Ashwini Udupa

Lead design,

TATA BP SOLAR, BANGALURU.

PRESIDED BY :

DR. H R MAHADEVASWAMY

Principal,

JNNCE - SHIVAMOGGA

GUEST OF HONOR :

Sri S N NAGARAJ

SECRETARY,

NES - SHIVAMOGGA.

PRESENCE :

DR. L K SREEPATHI

Vice Principal,

JNNCE - SHIVAMOGGA

COORDINATOR :

MR. MALLES KUMAR K S

Project Manager,

CENTRE FOR INNOVATION & ENTREPRENEURSHIP,
JNNCE, SHIVAMOGGA.

All are Cordially Invited



Gandhi
GLOBAL
SOLAR
YATRA

Promoting Localized Energy Self-sufficiency for
Sustainability & Mitigating Climate Change

Gandhi Global Solar Yatra

List of Trainers from various Departments

- **DR. MANJUNATH P**
Head & Professor,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MR. AJAY K S**
HOD,
Dept. of Electrical & Electronics,
D.S DNP, Shivamogga.
- **MR. RANJITH KUMAR M**
Lecturer,
Dept. of Electrical & Electronics,
D.S DNP, Shivamogga.
- **MR. PRABHDEV B S**
Lecturer,
Dept. of Electrical & Electronics,
D.S DNP, Shivamogga.
- **MR. RAGHU N**
Instructor,
Dept. of Electrical & Electronics,
D.S DNP, Shivamogga.
- **MR. GIRIDHAR K P**
Instructor,
Dept. of Electrical & Electronics,
D.S DNP, Shivamogga.
- **MR. MALLESHKUMAR K S**
Project manager,
Centre for Innovation & Entrepreneurship,
JNNCE, Shivamogga.
- **MR. NRUPATUNGA C M**
Coordinator,
Centre for Innovation and Entrepreneurship,
JNNCE, Shivamogga.
- **MR. N G AJJANNA**
Assistant professor,
Dept. of E&E Engineering,
JNNCE, Shivamogga
- **MR. VIDYASHANKAR M**
Assistant professor,
Dept. of E&E Engineering,
JNNCE, Shivamogga
- **MR. BADRISH K P**
Assistant Instructor,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MR. RAVI SHET V**
Assistant Instructor,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MR. CHANDRASHEKAR S**
Foreman,
Dept. of E&E Engineering,
JNNCE, Shivamogga
- **MR. SATISHKUMAR H G**
Instructor,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MR. H C VEERESH**
Foreman,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MRS. MANJULA B**
Assistant Instructor,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MRS. RANYASHREE M**
Assistant Instructor,
Dept. of E&C Engineering,
JNNCE, Shivamogga
- **MR. SHAMBULINGAPPA S J**
Instructor,
Dept. of E&E Engineering,
JNNCE, Shivamogga

One units of energy saved = Two units of energy generated

ORS

Student Solar Ambassador Workshop

Date: 02/10/2019

Venue: MBA/MCA Auditorium



- Student Solar Ambassador Workshop in association with IIT-Bombay.
- A culmination event of GGSY, the Student Solar Ambassador Workshop will be organized, aimed to sensitize the young generations who will be bearing the maximum burden of climate change. To celebrate the commemoration of the 150th Gandhi Jayanti, Students Solar Ambassador Workshop was organized on 2nd Oct. 2019 by Indian Institute of Technology (IIT) Bombay.
- On this day 1.32 lakh students across India got hands-on training of assembling the solar study lamps, and over 5,000 students came together at IIT Bombay campus itself. This was a Guinness Book of World Record Event. It made an incredible sight when 5000 students in the campus lit their own made Solar Lamps simultaneously, spreading the message – Solar is the way forward! Sensitization and participation of students as Solar Ambassadors have a critical role to play in the mitigation of climate change.
- The participation of students as a solar ambassadors in climate mitigation efforts are important. Therefore, a workshop to train students and sensitize them towards solar energy is being organized. In Shivamogga JNNCE College organized this event in MBA-MCA Auditorium. Around 260 students participated in this workshop, 18 trainers are involved in training of assembling the solar study lamps.

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Internal Quality Assurance Cell

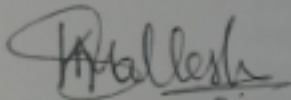
Event Report:

Department : Centre for Innovation and Entrepreneurship

Name of the Event	Student Solar Ambassador Workshop
Date of the event and venue	02/10/2019 MBA-MCA Auditorium
Type of the Event & Event Count	Workshop
	Indicate the total number of events conducted in that Sem----- Year-----
Whether the event is organized in association with any institute / research organization / industry / professional society/ JNNCE Dept. (in case of inter-departmental event)	IIT Bombay
Details of the funding received from associating partners	Funded from College
Beneficiaries	Students & faculty members from E&C Department, EEE Department JNNCE Shivamogga, EEE Department Dinakar Polytechnic College Shivamogga
Detailed schedule with the topics covered	May be enclosed as an Annexure - 3
List of Speakers / guests	Enclosed in Annexure - 4
Brief Report of the event (not exceeding 1000 words)	Enclosed in Annexure - 5

Outcome of the event	Students got hands-on training of assembling the solar study lamps and known about the importance of using solar energy in our daily life
Photos (Max. 5) (with date and time)	Enclose as Annexure - 6
Invitation of Inaugural & Valedictory programme/ Event Brochure / Press Clippings	Enclose as Annexure - 7
Date of Submission of the Report	

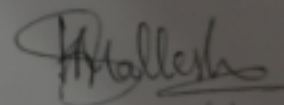
Signature with date



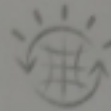
Event Coordinator

Dept. IQAC Coordinator

HOD



Mallish Kumar K S
Project Manager
Centre for Innovation & Entrepreneurship
JNNCE, Shivamogga.



STUDENT SOLAR AMBASSADORS

Workshop Agenda

Solar Lamp Assembly Workshop Agenda			
SESSION - 1 Introduction and Sensitization			
10:00 AM – 11:00 AM			
Learning Objective: <i>To sensitize students about the importance and future in Solar sector</i>			
	Description	Resources	Trainer's guidelines
Content:	<ul style="list-style-type: none">• Sensitization towards current climate scenario and climate change• Introduction to Energy and Electricity• Why solar energy is better than conventional source of energy?• Benefits and usage of Solar Energy	<p>Session to happen with the help of PPT and video.</p> <p>Other requirements:</p> <ul style="list-style-type: none">• Laptop• Speaker• PPT	<ul style="list-style-type: none">• Arrive by 9:30• Make sure to have PPT and PDF version of the presentation• Always carry a handout of the slides
Learning Outcomes: <i>At the end of this session, participants should show interest in Solar Energy and feel its importance and should be excited about the next session</i>			
SESSION - 2 Familiarization about toolkit, Solar lamp components, physical and technical testing			
11:00 AM – 1:00 PM			
Learning Objective: <i>To test the components of the solar lamp using Multimeter.</i>			
	Description	Resources	Trainer's guidelines
Content:	<ul style="list-style-type: none">• Introduction to toolkit components• Familiarization of components and physical testing	<p>Classes should have following facilities:</p> <ul style="list-style-type: none">• Table and chairs/ desks• White Board and Marker	<ul style="list-style-type: none">• A class can have about 25-30 students• There will be 1 toolkit for every 25 students per class

	<ul style="list-style-type: none"> • Technical testing of the technical components 	<ul style="list-style-type: none"> • Electricity connection 	<ul style="list-style-type: none"> • Spend more time in the technical testing of the components • Solar panel testing should be done in an open area • Variance of current and voltage parameters to be demonstrated to the students by varying the light intensity falling on the solar panel. • Take help from other teachers for crowd movement
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Learning Outcomes: At the end of this session, participants should be able to test all the technical components and should be well versed with the technical parameters of all components.

Lunch 1:00 PM – 2:00 PM

SESSION – 3

Assembly of Solar Lamp

2:00 PM – 4:30 PM

Learning Objective: To assemble quality lamp

	Description	Resources	Trainer's guidelines
Content:	<ul style="list-style-type: none"> • Step by step assembly of Solar lamp 	<ul style="list-style-type: none"> • Electricity connection for the soldering stations • Wooden table for soldering 	<ul style="list-style-type: none"> • 1 Soldering station to be setup in each class • Soldering should be done under the supervision of trainer for all the lamp kits in the classroom • Students should come to soldering table in small groups • There will be 1 toolkit for every 25 lamp kits

Learning Outcomes: At the end of this session, participants should be able to assemble a quality solar study lamp

Tea Break 4:30 – 5:30 PM

SESSION – 4

Wrap up session

Learning Objective: <i>To motivate the participants to adapt to solar energy</i>			
	Description	Resources	Trainer's guidelines
Content:	<ul style="list-style-type: none"> • Movement of all the students from class to open ground/ auditorium • Announce the future prospects of solar energy which the school will adopt in future • Photographs and videos 	<ul style="list-style-type: none"> • Mic • Speakers • Backdrop poster 	<ul style="list-style-type: none"> • Wrap up session should be with all the students together in an open ground/ auditorium • Take photos and videos
Learning Outcomes: <i>At the end of this session, participants should feel the importance of the solar in future</i>			

Detailed Workshop activities

Detailed plan of action session wise and requirements in terms of infrastructure and manpower is presented in this section.

Session 1 - Detailed Agenda

Session 1			
Total Time allotted		1 Hour	
From:	10 AM	To:	11 AM
Time	Activity/ Content	Manpower requirements	Other requirements
10:00 – 10:15 AM	Sensitization towards current climate scenario and climate change	1 (Master trainer)	Setting up of PPT on projector with Audio system and coordination with teacher for the management of students
10:15 – 10:30 AM	Introduction to Energy and Electricity		
10:30 – 10:45 AM	Why solar energy is better than conventional source of energy?		
10:45 – 11:00 AM	Benefits and usage of Solar Energy		

Annexure 4

List of Speakers / guests

- Ashwini Udupa, TATA BP Solar Company Lead Design
- Sri H C Shivakumar, Director, NES
- Dr. L K Sreepathi, Vice Principal, JNNCE
- Dr. H R Mahadhevaswamy, Principal, JNNCE
- Sri Mallesh Kumar K S, Project Manager, CIE
- Dr. Surendra, HOD, EEE Dept, JNNCE
- Sri Ajay, HOD, EEE Dept, D S Dinakar Polytechnic

Annexure 5

Brief Report of the event

A culmination event of GGSY, the Student Solar Ambassador Workshop will be organized, aimed to sensitize the young generations who will be bearing the maximum burden of climate change. To celebrate the commemoration of the 150th Gandhi Jayanti, Students Solar Ambassador Workshop was organized on 2nd Oct. 2019 by Indian Institute of Technology (IIT) Bombay. On this day 1.32 lakh students across India got hands-on training of assembling the solar study lamps, and over 5,000 students came together at IIT Bombay campus itself. This was a Guinness Book of World Record Event. It made an incredible sight when 5000 students in the campus lit their own made Solar Lamps simultaneously, spreading the message - Solar is the way forward! Sensitization and participation of students as Solar Ambassadors have a critical role to play in the mitigation of climate change. The participation of students as a solar ambassadors in climate mitigation efforts are important. Therefore, a workshop to train students and sensitize them towards solar energy is being organized. In Shivamogga JNNCE College organized this event in MBA-MCA Auditorium. Around 260 students participated in this workshop, 18 trainers are involved in training of assembling the solar study lamps.

Annexure 6

Photos

