



UNNAT BHARAT ABHIYAN
AMITY UNIVERSITY HARYANA

PROGRESS REPORT

November 2022

UBA Coordinator's Name: Prof (Dr.) Subhra Das

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Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	Gwalior	Manesar	Gurgaon
2	Fazalwas		
3	Kukrola		
4	Fakharpur		
5	Chandla Dungerwas		

List of Activities:

ACTIVITY 1:

Title of the Activity: 3 Days Training for Solar Sales Representative organized by Solar Engineering Department and Department of Electronics and Communication Engineering in collaboration with Greenroots Renewable Energy Pvt Ltd. The event was conducted from 21st- 23rd Nov. 2022 at Amity University Haryana in Smart Classroom C 214

Need of the Activity: Create business development executives for the solar industry which will lead to employment in solar industry.

Brief Description (Need/Impact/Action/Picture (if any)):

The Solar Engineering Department and Department of Electronics and Communication of Amity School of Engineering and Technology, Amity University Haryana, Gurgaon in collaboration with Greenroots Renewable Energy Pvt Ltd. Organized the 3 days solar technical sales representative training program at Amity University Haryana. The event was convened by Prof. Subhra Das and Prof. Anil Yadav (Associate Professor) and faculty from Engineering and Management School joined hand in delivering the lectures for the event. Ms. Twinkle Singhal (student of M Tech Solar and Alternate Energy, Sem III) and Ms. Anasooya Jayraman (student of M Sc Renewable Energy, Sem I) coordinated the training session.

The program started with an Opening Remarks by Prof. Subhra Das who explained the attendees the need and the objectives of the training program. Prof. H. P Yadav, HoD Civil Engineering delivered the Welcome address and emphasised the vision of Hon. Prime Minister's vision to achieve Net Zero by 2070 and the role of HEIs in achieving the ambitious target. Prof. Yadav welcomed the industry partner Mr. Anup Arora and felicitated him with a Tulsi sapling and flower bouquet. He was joined by Maj Gen (Dr) J S Dhull, Prof. Subhra Das and Dr Luxita Sharma to welcome the industry partner.

Technical session on Day1 started with Mr. Anup Arora's lecture on Solar PV design and installation. He discussed the different types of solar rooftop PV powerplants and the designing aspects. Field visit to 185kWp ground mounted solar PV power plant was conducted and Mr. Arora explained the design of the system and the functions of each of the components.

On the Day 2, Dr Anil Yadav delivered the lecture on Cost of Solar PV systems, Cost Benefit Analysis, Environmental Benefits. Dr Subhra Das delivered the lecture on Introduction to Solar PV, the various products, factors affecting its performance and working of the systems, Components of Solar Systems. At the end of day 2, the student had an understanding of solar photovoltaic systems, how it works and the performance of these systems under different conditions and the cost of these systems.



Day 3 started with a lecture by Dr Tanushree Purohit who discussed the traits of business development. The skills required for handling a customer, understanding the requirement, providing solution, methods of convincing the customer narrating success stories/ making him understand the benefits. This was followed by a lecture by Dr Ved Prakash who delivered a lecture on Site Requirement, Design & Installation requirements of solar PV systems.

Dr Subhra Das delivered a lecture on the Government Policies related to solar projects and products and showed them the official website which can be used to apply for subsidies. The technical session was followed by a quiz which was conducted by rearranging the entire class of students into mixed groups. Every member of the group was required to answer for scoring marks. This helped peer learning and building confidence among the trainees.

Hon. Pro Vice Chancellor Prof. Vikas Madhukar blessed the students and emphasized on the importance of 3 Es- Effectiveness, Efficiency and experience for business development and execution. Prof. Madhukar then distributed the certificates to the students and the faculty coordinators.

There were 29 participants which included candidates from the nearby villages and students Sciences, Engineering and Architecture School of Amity University Haryana Village.

Impact: After the completion of the training, the trainees were aware about the different solar energy systems Government Policies and Subsidies that are available for the installing RE systems.

Employment of one candidate at Greenroots Renewable Energy Pvt Ltd.

AUH students showed interest in adapting the clean sources of energy for meeting the energy requirement and also the considering these options while designing new projects.

Attendance Sheet of the Participants



AMITY UNIVERSITY

HARYANA

Amity School of Engineering & Technology
Solar Engineering Department & Department of Electronics & Communication Engineering

in Collaboration with
Greenroots Renewable Energy Pvt Ltd
Under Unnat Bharat Abhiyan is organizing
3 Days Training for Solar Technical Sales Representative
November 21-23, 2022
Venue: Smart Classroom, C 214

S.No	Name	Phone	Day 1	Day 2			Day 3	
			21/11	TS1	TS2	TS3	TS4	TS5
1	Twinkle Singhal	8279728300	Twinkle	Twinkle	Twinkle	Twinkle	Twinkle	
2	Anasooya Jayaraman	9388923163	An	An	An	An	An	
3	Manan Kaur Ghat	9893984675						
4	Ibrahim Alam	7209009314	I A	I A	I A	I A	I A	
5	Narender	9050823940	N	N	N	N	N	
6	Ms. Ritu	9319951775	Ritu	Ritu	Ritu	Ritu	Ritu	
7	Chandan	9958440374	Chandan	Chandan	Chandan	Chandan	Chandan	
8	Kamal	7428084828	Kamal	Kamal	Kamal	Kamal	Kamal	
9	Deepak	9350093128	Deepak	Deepak	Deepak	Deepak	Deepak	
10	Shivendu Kumar	9199505399						
11	Rohit Kumar	9306038696	Rohit	Rohit	Rohit	Rohit	Rohit	
12	Geetika Jangid	9138121911	Geetika	Geetika	Geetika	Geetika	Geetika	
13	Sonia Rawat	6280897425						
14	Simran Singhal	8700893500	Simran	Simran	Simran	Simran	Simran	
15	Sonia	9992440854	Sonia	Sonia	Sonia	Sonia	Sonia	
16	Durga	8168796024	Durga	Durga	Durga	Durga	Durga	
17	Akshay	8708840035	Akshay	Akshay	Akshay	Akshay	Akshay	
18	Geeta	9817565746	Geeta	Geeta	Geeta	Geeta	Geeta	
19	Pooja	7011630200						
20	Sourab	8607660893						
21	Shubham Tyagi	8076082629	Shubham	Shubham	Shubham	Shubham	Shubham	
22	Sahil Khan	7203320377	Sahil	Sahil	Sahil	Sahil	Sahil	
23	Talish Khanna	8279881850	Talish	Talish	Talish	Talish	Talish	
24	Mayuri Dixit	6389557227	Mayuri	Mayuri	Mayuri	Mayuri	Mayuri	
25	Meekharshi	9560112117	Meekharshi	Meekharshi	Meekharshi	Meekharshi	Meekharshi	
26	Sonia	6280897425	Sonia	Sonia	Sonia	Sonia	Sonia	
27	Simran S	8700893500	Simran	Simran	Simran	Simran	Simran	
28	Shubham	6080897425	Shubham	Shubham	Shubham	Shubham	Shubham	
29	Ashwan Warri	979702753	Ashwan	Ashwan	Ashwan	Ashwan	Ashwan	

Scanned by CamScanner

Photographs with caption



Solar Engineering Department and Department of Electronics & Communication Engineering
in Collaboration with

Greenroots Renewable Energy Pvt Ltd
Under Unnat Bharat Abhiyan is Organizing

3 days Training for Solar Technical Sales Representative from 21st -23rd Nov 2022

Topics that will be covered are:

- Product- Standalone system, Off grid solar PV, Rooftop solar PV
- Site Assessment, Customer Handling
- Cost of the Product
- Financial Benefits & Subsidies
- Government Policies

Eligibility: MBA, BBA, B Sc, BA, ITI/Diploma, 12th pass

Age: No age limit

Fees: Rs. 500/-. Free for AUH students.

Duration: 9.30AM - 1PM

Resource Persons: Dr. Subhra Das (Prof. & HoD, Solar Engg Dept), Dr Anil Yadav (HoD, ECE Dept.), Dr Ved Prakash (Asst. Prof., ECE Dept), Dr Tanushree Purohit (HoD, Amity Skills Institute) from Amity University Haryana
Mr. Anup Arora, Founder & Director, Greenroots Renewable Energy Pvt. Ltd

Link for Registration:

<https://forms.gle/LeNUZ6ZVfaMJYCAo9>

Address Amity University Haryana, Gurugram,
Manesar, Panchgaon, Haryana 122412

<https://goo.gl/maps/ta7zWZ277V95QwtTA>

Fig 1. Flyer of the Event



Fig2. Inaugural Session- Opening Remarks by Prof. Subhra Das



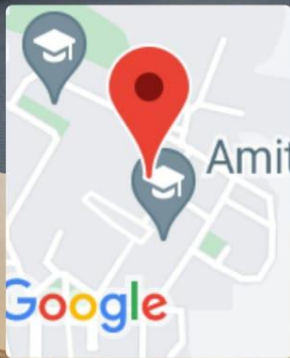
Fig 3: Technical Session 1- Lecture by Mr. Anup Arora, Director, Greenroots Renewable Pvt Ltd.



Fig 4: Field Visit to 185kWp Solar PV power plant at AUH

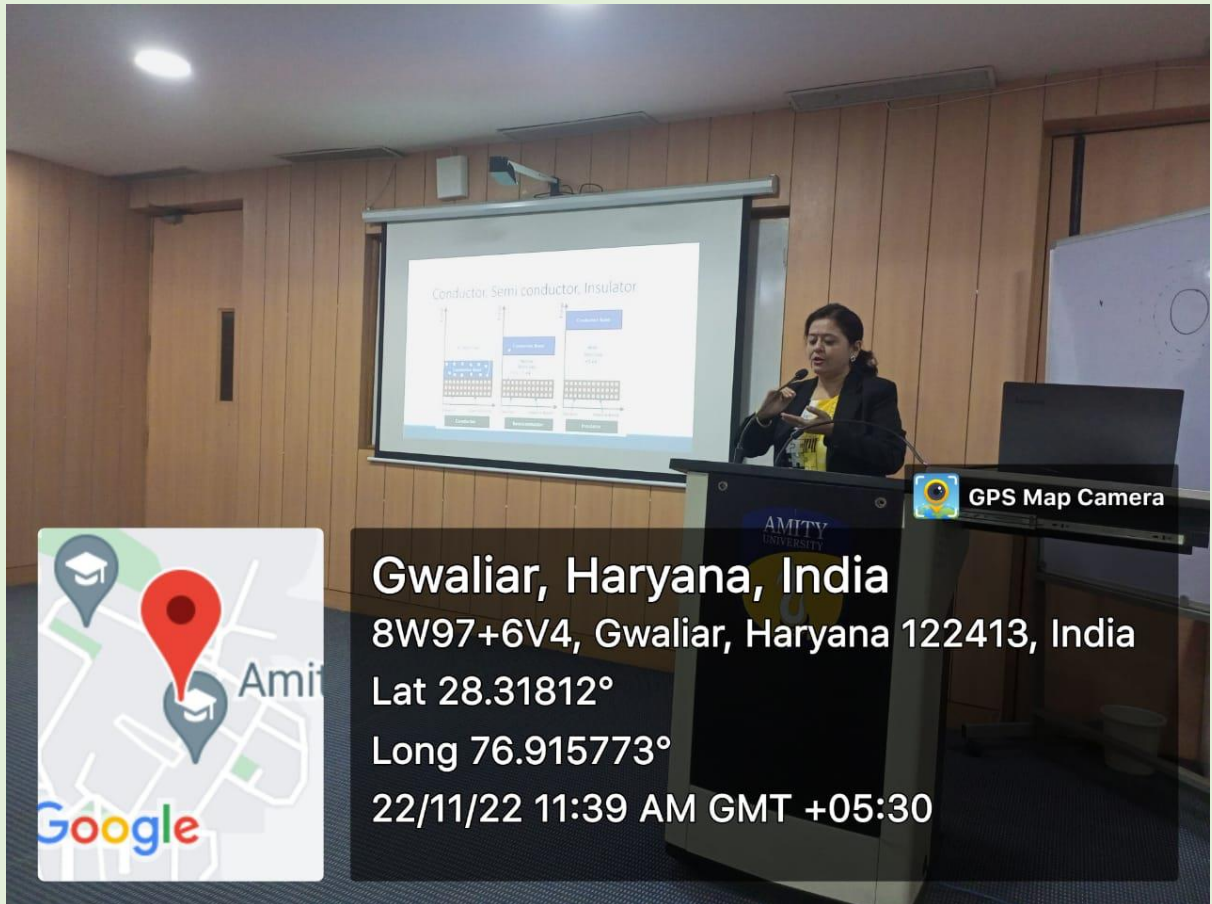


Fig 5: Group Photograph of all Trainees and faculty members and Staffs



Gwalior, Haryana, India
8W97+6V4, Gwalior, Haryana 122413, India
Lat 28.31812°
Long 76.915773°
22/11/22 09:45 AM GMT +05:30

Fig:6 Technical Session by Dr Anil Yadav



Gwalior, Haryana, India

8W97+6V4, Gwalior, Haryana 122413, India

Lat 28.31812°

Long 76.915773°

22/11/22 11:39 AM GMT +05:30

Fig 7: Technical Session by Prof. Subhra Das



Fig8 : Certificate Distribution by Prof. Vikas Madhukar, Hon. Prov Vice Chancellor, AUH to Ms. Durga. He is joined by the faculty coordinators of the event Dr Subhra Das, Dr Anil Yadav and Dr Tanushree Purohit



Gwalior, Haryana, India

8W97+6V4, Gwalior, Haryana 122413, India

Lat 28.31812°

Long 76.915773°

23/11/22 04:00 PM GMT +05:30

Fig9: Certificate Distribution by Prof. Vikas Madhukar, Hon. Prov Vice Chancellor, AUH to Mr. Deepak.. He is joined by the faculty coordinators of the event Dr Subhra Das, Dr Anil Yadav and Dr Tanushree Purohit. He got placed in Greenroots Renewable Energy Pvt Ltd after completion of the training program.



Fig. 10: Group Photograph of the Trainees with Hon. Pro Vice Chancellor Prof. Vikas Madhukar, Prof. Subhra Das, Dr Anil Yadav, Dr Tanushree Purohit.

Next action plan:

Sr. No.	Activity to be conducted(along with reason)
1	Amity Medical School is planning of awareness camp for epilepsy
2	Digital Literacy Training
3	