

**Community Outreach Programs**  
**Suryamitra Skill Development Training Program**  
**Amity University Haryana**

Suryamitra Skill Development Program was launched under the Prime minister's Skill India Program, in the month of June 2015. Ministry of New and Renewable Energy (MNRE) assigned responsibility to National Institute of Solar Energy (NISE) for a country-wide launch of the prestigious Suryamitra Skill Development Program with a target to develop 50,000 youth in Solar PV installation by the year 2019 for the country.

Amity University Haryana is selected by NISE for the 5 times for conducting Suryamitra Skill Development Training. The 1<sup>st</sup> batch of Suryamitra Skill Development Training was successfully completed on March 31<sup>st</sup>, 2017. Thereafter five batches of Suryamitras are successfully delivered by AUH. Each training programme is of 3 months duration. All the Suryamitras are got placement in Solar Companies in Delhi NCR region.

A batch of 30 students who have completed ITI in Electrical/ Wireman trades or are Diploma in Electrical / Electronic / Mechanical or equivalent are given training for Solar PV installation. It is a residential program, thus all participants stay at Amity University Haryana during the Suryamitra Training.

**The Suryamitra Skill Development Team consists of the following members:**

**Project Director:** Prof (Dr) Padmakali Banerjee

**Operations Head:** Prof Subhra Das

**Management Coordinator:** Ms Reena Nigam

**Faculty members:** Dr Ranjana Arora, Mr Anil Yadav, Dr Ayana Bhaduri, Mr Anupam Vyas

**Lab Assistants:** Mr Sudhir, Mr Jitender Dhariwal

**Sanctioned Date:** 25<sup>th</sup> June 2019

**Sanctioned Fund:** Rs 13,02,300

**Funding Agency:** National Institute of Solar Energy, Ministry of New and Renewable Energy through HAREDA

**Start & End Date of Training:** 10/01/2020-08/4/2020

**Assessment**

At the end of the course i.e. the last day of the program, third party assessment is done through National Council of Vocational Training (NCVT). A continual internal assessment is conducted as per the guidelines of NISE by Amity University Haryana.

**Certification**

On the last day of the 3 months program, Amity University Haryana will award the “**Certificate of Participation**” to all the students.

The NCVT certificates with logo of Govt. Of India, is issued to successful candidates by respective Regional Directorate of Apprenticeship Training officers.



राष्ट्रीय सौर ऊर्जा संस्थान  
NATIONAL INSTITUTE OF SOLAR ENERGY

(नई और नवीकरणीय ऊर्जा मंत्रालय, भारत सरकार के अधीन एक स्वायत्त संस्थान,  
(An Autonomous Institute of Ministry of New & Renewable Energy, Government of India)  
गुरुग्राम - फ़रीदाबाद मार्ग, ग्वालपहारी, गुरुग्राम - 122003 (हरियाणा)  
Gurugram – Faridabad Road, Gwal Pahari, Gurugram – 122003, Haryana, India  
दूरभाष/ Tel. No. : 0124-285 3060 Fax: 0124-285 3079  
ईमेल / Email: [dgnise.mnre@gmail.com](mailto:dgnise.mnre@gmail.com), [nise.mnre@gmail.com](mailto:nise.mnre@gmail.com)  
वेबसाइट/Website: [www.nise.res.in](http://www.nise.res.in)

No.04/1/SKD-NISE/2019-20/EOI/Suryamitra

25<sup>th</sup> June, 2019

**Amity University**  
**Amity Education Valley,**  
**Gurgaon District, Manesar**  
**Haryana-122413**  
**"0124-2337015 9910494524"**  
**[padmakali@ggn.amity.edu](mailto:padmakali@ggn.amity.edu)**

**Sub: Allocation of Suryamitra Skill Development Programs for FY 2019-20.**

Sir,

Ministry of New & Renewable Energy has set a target to prepare 50,000 trained manpower, skilled in installation, commissioning and O&M with entrepreneurial skills in the field of solar energy through "Suryamitra" Skill Development Program. National Institute of Solar Energy (NISE) is implementing the Suryamitra program across the country. A target for providing training to 19,000 Suryamitras has been set for FY 2019-20 by MNRE. In response to your application against the EOI of NISE vide no. 04/1/SKD-NISE/2018-19/EOI-Suryamitra dated 23.03.2018, the approval is being accorded to organize Suryamitra Programs at following Training Centers by your organization during 2019-20:-

S. No.	State	District / Location	Total Batches
1	Haryana	Manesar	2
<b>Total</b>			<b>2</b>

The TPs should start their training program on 1<sup>st</sup> date of each quarter of FY 2019. The schedule of the training should be firm and no alteration in dates be allowed. The AEBAS is now implemented at all the training centers. So, no relaxation shall be given in this regard. The guidelines and annexures shall remain same as mentioned vide letter dated 19.03.2019. This letter should be treated only for allocation of the programme, however funds shall be released subject to fulfilling the above mentioned norms.

This bears the approval of Director General, NISE.

Yours faithfully,

  
(Dr. Chandan Banerjee)  
Dy. Director General

Copy to following for information:-

1. PA to DG, NISE
2. Director (HRD), MNRE
3. Head – Assessment and Certification, Skill Council for Green Jobs, New Delhi to schedule the assessment.
4. Haryana Renewable Energy Development Agency (HAREDA), Panchkula, Haryana

## National Institute of Solar Energy

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Gurugram-Faridabad Road  
Gwal Pahari, Gurugram – 122003, Haryana

10<sup>th</sup> June, 2021

To,

The Pay & Accounts Division,  
National Institute of Solar Energy, Gurugram-122003.

**Subject: Release of 80% fund amounting Rs.6,12,919/- against UC & SoE for 1<sup>st</sup> batch of Suryamitra to Amity University, Manesar, Haryana under Suryamitra Skill Development Program (SSD) 2019-20.**

Sir,

National Institute of Solar Energy vide letter of even number dated 04/1/SKD-NISE/2018-19/EOI/Suryamitra dated 19.03.2019 & 14.11.2019 had allocated 03 batches of Suryamitra Skill Development Programme to M/s Amity University at its Manesar, Haryana centre in FY 2019-20.

2. I am directed to convey the sanction of the DG-NISE for release of 80% funds amounting **Rs.6,12,919/- (Rupees Six Lakh Twelve Thousand Nine Hundred and Nineteen Only)** against provisionally settled UC & SoE to **Amity University, Manesar, Haryana (Code - HR/AMITY/GURGAON/2019-20/I)** under category "X" for 1<sup>st</sup> batch of Suryamitra under SSD program commencing from **10/01/2020 to 08/04/2020** for 25 nos. of participants.

3. The Amity University has submitted audited Utilization Certificate & SoE which has been accepted by program division and provisionally settled at Rs 8,06,902/-.

4. The breakup of fund released with this sanction as follows: -

Sl. No	Instalment	Course Fee	Assessment Fee	Boarding & Lodging	Total
1.	80%	3,63,918.80	-	2,49,000.00	6,12,919.00 ✓
2.	3% Admin Charges	-	-	-	18,388.00
<b>Total:-</b>					<b>6,31,307.00</b>

The Drawing and Disbursing Officer, NISE will draw an amount of **Rs.6,12,919/- (Rupees Six Lakh Twelve Thousand Nine Hundred and Nineteen Only)** from the Pay & Accounts Division, NISE and disburse the same to **Amity University, Manesar, Haryana** through NEFT/RTGS/Bank Transfer to their bank account, as per following details:

Name of the Beneficiary	AMITY UNIVERSITY HARYANA
Beneficiary Bank Name & Address	AXIS BANK LTD
Account No.	9100 1002 3405 214
IFSC Code	UTIB 0000 720

5. As per the provision of GFR 2017 the accounts of Amity University shall be opened inspection by auditor appointed by NISE/ authorized officials of CAG and internal auditors/any authorized officials of NISE, whenever call upon do so.

6. The expenditure will be debited to the Project Head under the Suryamitra Skill Development for the year 2021-22, as details given below: -


Sl.No	MNRE Sanction No. & Date	Beneficiary	Course Fee	Boarding & Lodging	Total
1.	No. 10/(26)/2015-P&C Dt. 30.08.2019, 07.09.2019 & 30.09.2019	Gen-23	3,32,056.00	2,26,872.00	5,58,928.00
2.	No. 10/(26)/2015-P&C Dt. 27.09.2019	SC-02	31,863.00	22,128.00	53,991.00
3.	No. 10/(26)/2015-P&C Dt. 27.09.2019	ST-	-	-	-
<b>Total :-</b>		25	3,63,919.00	2,49,000.00	6,12,919.00

7. This sanction issues in exercise of the powers conferred on the NISE and with the concurrence of IFD vide their Diary No. 101/IFD/2021-22 dated 26.04.2021.

8. This sanction order has been noted at Sl. No. 86 Page No. 8 in the Expenditure Control Register of Division for FY 2020-21.

9. An Amount of Rs.18,388/- (Rupees Eighteen Thousand Three Hundred and Eighty Eight Only) towards 3% Administration Charges may be transferred to NISE - Revenue Account.

Yours faithfully,

  
[Dr. Chandan Banerjee]  
Dy. Director General  
Telefax: 0124-285 3001

**Copy to:**

1. Amity University, (Amity Education Valley, Manesar Gurgaon HR122413
2. Department of Renewable Energy (Govt. of Haryana) (HAREDA), Akshay Urja Bhawan, Plot No-1, Sector 17, Opp Agarwal Bhawan, Panchkula, Haryana 134109, India,
3. To be placed in File No.04/1/SKD-NISE/2018-19/EOI-SURYAMITRA/Amity University

  
[Dr. Chandan Banerjee]  
Dy. Director General

Suryamitras in Lecture Room



**Suryamitras in Solar Rooftop PV Plant at Amity University**



**Suryamitras attending Lecture**





**Suryamitras showcasing their Models during Innovation Day Celebration**



**Suryamitras in Solar Lab**



## **Report of the Activities Conducted under Unnat Bharat Abhiyan at Amity University Haryana**

**Project Coordinator-** Prof. Subhra Das, HoD, Solar Engineering Dept. Amity University Haryana

**Date:** 15<sup>th</sup> Sept 2022

<https://unnatbharatabhiyan.gov.in/states/haryana>

Ministry of Human Resources Development (MHRD), Government of India has launched the national program called Unnat Bharat Abhiyan (UBA), with the vision to involve professional and higher educational institutions in the development process of rural areas in the country to achieve sustainable development and better quality of life. Indian Institute of Technology, Hauz Khas, New Delhi has been designated to be the National Coordinating Institute by the Ministry.

**Amity University Haryana** has been selected to participate in UBA as a Participating Institute (PI) by MHRD. Under the UBA program AUH has selected the following five villages to conduct developmental activities:

1. Chandla
2. Fazalwas
3. Gwalior
4. Kukrola
5. Fakharpur

**Project Team:** Prof (Dr) Padmakali Banerjee, Prof (Dr) Subhra Das (Project Coordinator), Dr Anil Yadav, Dr Luxita, Dr Reena Nigam.

**Funding Organization:** Ministry of Human Resources Development (MHRD), Government of India Under UBA, Amity University Haryana has conducted the village survey and household survey of the five villages for building rapport with the Sarpanch, Panchayat members and understand the functioning of the village ecosystem, Anganwadi and Self-help groups. Interact with villagers and identify the problem areas for which we can provide some solution or support. Amity University Haryana propose to create awareness and provide solutions in the field of renewable energy, mental and physical health, nutrition, agriculture and skill development.

**The following activities were conducted in the five villages under Unnat Bharat Abhiyan:**

### **ACTIVITY 1:**

**Title of the Activity:** Meeting with Numberdaar & members of Panchayat of Gwalior village on 28<sup>th</sup> Sept, 2021

**Need of the Activity:** To seek their approval for conducting development activities at Gwalior village

Meeting was attended by Mr Pope Singh, Numberdaar along with members of the Panchayat and faculty members Prof (Dr) Subhra Das, Dr Anil Yadav and seven staffs of Amity University Haryana.

**Impact:** Cooperation of Heads of Village for conducting household survey.

A positive attitude of the villagers towards the activity

Support from Anganbaari members in joining hands with Amity University Haryana for conducting development activities in the village.



**Meeting with Members of Panchayat**

## **ACTIVITY 2:**

**Title of the Activity:** Household Survey at Gwalior

**Need of the Activity:** To understand the need of the villagers and the areas where Amity University Haryana can take up developmental activities.

**Impact:** Villagers are aware of UBA program and the role of Amity University Haryana

Villagers are open to sharing their problems and, in some cases, they would personally call coordinators for help for their own personal issues.

Gain confidence of the villagers



## **ACTIVITY 3:**

**Title of the Activity:** Meeting with Sarpanch & members of Panchayat of Fakharpur on 9<sup>th</sup> Nov, 2021

**Need of the Activity:** To seek their approval for conducting development activities at Fakharpur village Meeting was attended by Mr Raj Singh, Sarpanch along with members of the Panchayat and faculty members Prof (Dr) Subhra Das, Dr Anil Yadav and seven staff members of Amity University Haryana.

**Impact:** Cooperation of Heads of Village for conducting household survey.

A positive attitude of the villagers towards the activity

Support from Anganbaari members in joining hands with Amity University Haryana for conducting development activities in the village.



**Meeting with Sarpanch and members of Panchayat of village Fakarpur**



**Members of Team UBA conducting the meeting**

**ACTIVITY 4:**

**Title of the Activity: Household Survey at Fakarpur Village**

**Need of the Activity: To understand the need of the villagers and the areas where Amity University Haryana can take up developmental activities.**

**Impact: Villagers are aware of UBA program and the role of Amity University Haryana**

Villagers are open to sharing their problems and, in some cases, they would personally call coordinators for help for their own personal issues.

Gain confidence of the villagers



#### **ACTIVITY 5:**

**Title of the Activity: Meeting with Sarpanch & members of Panchayat on 1<sup>st</sup> Oct, 2021**

**Need of the Activity:** To seek their approval for conducting development activities at Kukrola village Meeting was attended by Mr Ajay Kumar, Husband of Sarpanch Smt. Bala along with members of the Panchayat and faculty members Prof (Dr) Subhra Das and seven staff members of Amity University Haryana.

**Impact:** Cooperation of Heads of Village for conducting household survey.

A positive attitude of the villagers towards the activity

Support from Anganbaari members in joining hands with Amity University Haryana for conducting development activities in the village.

#### **ACTIVITY 6:**

**Title of the Activity: Meeting with Sarpanch & members of Panchayat on 4<sup>th</sup> Oct, 2021**

**Need of the Activity:** To seek their approval for conducting development activities at Fazalwas village

**Impact:** Cooperation of Heads of Village for conducting household survey.

A positive attitude of the villagers towards the activity

Support from Anganbaari members in joining hands with Amity University Haryana for conducting development activities in the village.

#### **ACTIVITY 7:**

**Title of the Activity: Meeting with Sarpanch & members of Panchayat on 27<sup>th</sup> Oct, 2021**

**Need of the Activity:** To seek their approval for conducting development activities at Chandla Dungerwas village

Meeting was attended by Mr Sube Singh, Sarpanch along with members of the Panchayat and faculty members Prof (Dr) Subhra Das and staffs of Amity University Haryana.

**Impact:** Cooperation of Heads of Village for conducting household survey.

A positive attitude of the villagers towards the activity

Support from Anganbaari members in joining hands with Amity University Haryana for conducting development activities in the village.



**Meeting with Sarpanch of Fazalwas**



**Meeting with Sarpanch of Fazalwas**



**Meeting with Family members of Numberdar of Chandla Dungerwas**

**ACTIVITY 8:**

**Title of the Activity: Household Survey at Kukrola, Fazalwas and Chandla Dungerwas**

**Need of the Activity: To understand the need of the villagers and the areas where Amity University Haryana can take up developmental activities.**

**Impact: Villagers are aware of UBA program and the role of Amity University Haryana**



Villagers are open to sharing their problems and, in some cases, they would personally call coordinators for help for their own personal issues.

Gain confidence of the villagers



**Interaction of AUH staff with Villagers**



**Interaction of AUH staff with Villagers**

**ACTIVITY 9:**

**Title of the Activity: Household Survey at Chandla Dungerwas.**

**Need of the Activity:** To understand the requirement of the villagers and rapport building.

**Impact:** Villagers got the confidence to share their problems with the team members and seek their guidance.

A positive attitude of the villagers towards the activity.

Support from Anganbaari members in joining hands with Amity University Haryana for conducting development activities in the village.



**ACTIVITY 10:**

**Title of the Activity: Household Survey at Fakarpur Village**

**Need of the Activity:** To understand the need of the villagers and the areas where Amity University Haryana can take up developmental activities.

**Impact:** Villagers are aware of UBA program and the role of Amity University Haryana

Villagers are open to sharing their problems and, in some cases, they would personally call coordinators for help for their own personal issues.

Gain confidence of the villagers



**ACTIVITY 11:**

**Title of the Activity: Social Awareness Program on Malnutrition in Children organized on 9<sup>th</sup> Dec 2021.**

**Need of the Activity:** Based on the household survey conducted by UBA team members it was observed that there is lack of awareness of the village women regarding the nutritional status of their children. In order to create awareness among the village women, children and men, the above stated program was conducted.



## ACTIVITY 12:

**Title of the Activity:** Solar Training Program organized on 2<sup>nd</sup> March 2022

**Need of the Activity:** Create awareness regarding solar PV systems, solar water heating systems and solar pumps.

Details of students, staff & faculty members who took part in this event are:

**B Tech 1<sup>st</sup> Year:** Anjan Ghosh, Saugat Chaudhury, Dheeraj Sharma, Jayesh Yadav, Bhupati Singh, Akshay Sharma

**M Tech SAE 1<sup>st</sup> Year-** Ms Twinkle Singhal

**M Sc RE 2<sup>nd</sup> year-** Ms. Shreya Bhattacharya

**B Tech 4<sup>th</sup> Year-** Mr Dalvir Singh

**Staff-** Mr Mohit, Mr Rakesh & Mr Himanshu

**Faculty-** Prof. Dr Subhra Das, Dr Anil Yadav

**Impact:** The villagers learnt about how they can meet the energy requirement for boiling water, electricity using solar systems.

Some of the ladies requested us to conduct such event at their parental villages so that the crisis of electricity can be met.



**Anganwadi workers, village women, students and faculty members who participated in the event**



**Mr Dalvir Singh, B Tech ECE Sem VIII describing the working of Rooftop solar PV**

**ACTIVITY 13:**

**Title of the Activity: Nutritional Management in Malnutrition and Anemia among women and Children organized on 22<sup>nd</sup> March 2022 at Fakharpur village**

**Need of the Activity:** The objective of the event was to spread awareness about Malnutrition and Anemia in women & children and role of nutrition in prevention of the same.

**Impact:** Sarpanch of Fakharpur village Mr. Raj Singh provided full support by employing his peon to spread the news in the village. He provided support in gathering village women at the venue.

Women learnt about their BMI status and got counselling regarding their health issues. They were very satisfied.

Mr. Chaman Kishor, Numberdaar requested our team to conduct a program on drug abuse to save the young population from its bad effect.



AUH Team of students and Faculty member during their journey to the venue.



Ms Shivani & Ms Sanjana explaining the symptoms of malnutrition





**BMI Calculation Activity by students**

**ACTIVITY 14:**

**Title of the Activity: Prevention of Alcohol Addiction in Community organized on 3<sup>rd</sup> April 2022**

**Need of the Activity:** Create awareness regarding solar PV systems, solar water heating systems and solar pumps.

The following M. Phil. trainees participated in the program: Ms. Jesmeen , Ms. Pryanks, Ms. Divya, Ms. Sakshi, Ms. Vasudha, Ms. Pooja Jaiswal, Ms. Shefeen Jacob, Ms Ria Bhatia, Ms sheenu, Ms Vandana Hooda, Ms Kanak, Ms Pragya, Ms Parnika, Ms Steffi Jadhava, Ms Akanksha

**16 Participants from Fakharpur Village. Mr. Chaman Singh and about 30 community members**

**Impact:** Creating awareness about alcohol addiction

Strategies to prevent/cope with issues of alcohol addiction.

