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Azadi Ka Amrit Mahotsav

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SCGJ celebrates Azadi ka Amrit Mahotsav with a series of 75 webinars on Sustainable Development, Renewable Energy, and Waste Management

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Agri-Voltaic

A Green Route to Address Energy and Food Crisis

LIVE STREAMING | 12th AUGUST 2022 | 12:00 PM



ZOOM

Meeting ID: 865 8704 0657
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Guest Speaker

Dr. Subhra Das

Professor and Head
Solar Engineering Department
Amity University, Haryana

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उन्नत भारत अभियान
राष्ट्रीय समन्वय संस्थान
भारतीय प्रौद्योगिकी संस्थान दिल्ली
हौज़ खास, नई दिल्ली-११००१६



UNNAT BHARAT ABHIYAN
NATIONAL COORDINATING INSTITUTE
INDIAN INSTITUTE OF TECHNOLOGY DELHI
Hauz Khas, New Delhi - 110016
Website : <http://unnat.iitd.ac.in>

Prof. Virendra K. Vijay
National Coordinator, UBA
Professor CRDT, IITD

Tel. : +91-11-2659 1121/1157 (O)
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Dear Sir/Madam,

Congratulations to all the Participating Institutions (PIs) selected under Unnat Bharat Abhiyan, a flagship program of Ministry of Human Resource Development (MHRD) Government of India through a challenge mode application. The Mission of Unnat Bharat Abhiyan is to enable participating higher educational institutions to work with the people of rural India in identifying development challenges and evolving appropriate solutions for accelerating sustainable growth. It also aims to create a virtuous cycle between society and an inclusive academic system by providing knowledge and practices for emerging professions and to upgrade the capabilities of both the public and the private sectors in responding to the development needs of rural India.

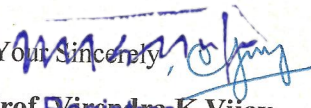
As per the programme, educational institutions is primarily to develop linkage with selective rural clusters (preferably of five villages), to get involved in the planning process and to promote the requisite S&T interventions to improvise and expedite the developmental efforts in those clusters. The approach is a departure from the grant oriented method and would see the participation and commitment of faculty and students in this endeavour.

We shall be processing release of Rs. 10000/- per village under the UBA program. The funds are mainly meant for assistance for awareness, Gram Panchayat Development Plan (GPDP) study, need assessment, and contingency expenditure. There are provision of Rs 1.0 lakh for technological intervention/ solution and Rs 0.50/- lakh for customization of a technological solution under the program. Which you can avail of afterwards by submitting proposals with ratification of the Gramsabha. A two-way channel between PIs and National Coordinating Institute (NCI) as well as Subject Expert Groups (SEGs) for project proposal submission and evaluation has been developed and functional on UBA portal. You can use your login credential for uploading proposals on UBA website '**FINANCIAL AIDS**'. The login credentials are same as your registration login credentials.

You are also requested to keep IIT Delhi, the National Coordinating Institute updated about your activities so that the same can be uploaded on the website of UBA.

Regards and best wishes for your institution for contributing to India's development.

With regards

Your Sincerely,

Prof. Virendra K. Vijay
National Coordinator
Unnat Bharat Abhiyan
Amity University Haryana
Manesar Gurgaon-122413

**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: 15th 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.

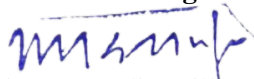
Funding Organization: Ministry of Human Resources Development (MHRD), Government of India Under UBA, Amity University Haryana has conducted the village survey and household survey of the five villages for building rapport with the Sarpanch, Panchayat members and understand the functioning of the village 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 28th Sept, 2021

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


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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


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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 9th 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.


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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.


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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 1st 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 4th 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.

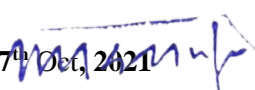
A positive attitude of the villagers towards the activity

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 27th Oct, 2021

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


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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

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Meeting with Sarpanch of Fazalwas



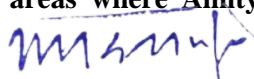
Meeting with Family members of Numberdar of Chandla Dungerwas

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


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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:

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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


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ACTIVITY 11:

Title of the Activity: Social Awareness Program on Malnutrition in Children organized on 9th 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.

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ACTIVITY 12:

Title of the Activity: Solar Training Program organized on 2nd 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 1st Year: Anjan Ghosh, Saugat Chaudhury, Dheeraj Sharma, Jayesh Yadav, Bhupati Singh, Akshay Sharma

M Tech SAE 1st Year- Ms Twinkle Singhal

M Sc RE 2nd year- Ms. Shreya Bhattacharya

B Tech 4th 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.



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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 22nd 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.

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

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Ms Shivani & Ms Sanjana explaining the symptoms of malnutrition

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BMI Calculation Activity by students

ACTIVITY 14:

Title of the Activity: Prevention of Alcohol Addiction in Community organized on 3rd 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 Pragyasha, 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


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Strategies to prevent/cope with issues of alcohol addiction.



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