



## UNNAT BHARAT ABHIYAN INSTITUTE

AISHE CODE: C - 46966

### DEWAN VS INSTITUTE OF ENGINEERING & TECHNOLOGY, MEERUT

#### PROGRESS REPORT

January 2024 to March, 2024 (03 MONTHS QUARTERLY REPORT)

UBA Coordinator's Name: PRASHANT RAGHAV

Email: [prashant@dewaninstitutes.org](mailto:prashant@dewaninstitutes.org)

Phone Number: 8476020835

Sr. No.	ADOPTED VILLAGES	TALUKA(Block)	DISTRICT
1	MOHIUDDINPUR (CT)	MEERUT, RAJPURA, JANI KHURD	MEERUT
2	MOHIUDDINPUR LALSANA		
3	TIKRI		
4	ITAYIRA		
5	AMINAGAR URF BHOORBARAL		

#### List of the Activities:

1	12 January 2024	DVSIET, Meerut	National Community Engagement Academic Network (Contributed, Supported and Implemented by Wundavalli Foundation) Today's Youth for Yesteryear's Youth Workshop (Community Engagement with Elderly People)  Report with pictures are attached
2	13 February 2024	Mohiuddinpur lalsana Village	Inspection Visit for the data collection and survey for the SEG Proposal project preparation in the Village  Report with pictures are attached
3	02 March 2024	IIT Roorkee	The major themes that were focused are: ' <b>Water Security, Organic Farming, and Agromet Advisory Services in Sustainable Rural Development</b> ' through expert sessions. As a participating institute of UBA, undergone <b>5 individuals</b> went for one day workshop. 1. Mr. Prashant Raghav (Asst. Prof EE Deptt) 2. Mr. Gaurav Kashyap (HOD, Civil Deptt) 3. Harsh Kumar (Student ECE Deptt) 4. Arsh Kumar (Student ECE Deptt) 5. Ayush Pal (Student EE Deptt)

**Next action plan:**

<b>Sr. No.</b>	<b>Activity to be conducted</b>
<b>1</b>	Planning for SEG proposal titled Pond Rejuvenation.
<b>2</b>	Planning for SEG proposal titled Push make Dung cake machine

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**Dr. Shilpi Bansal**  
**(Director, DVSJET)**

## National Community Engagement Academic Network

(Contributed, Supported and Implemented by Wundavalli Foundation)

Report on Today's Youth for Yesteryear's Youth Workshop (Community Engagement with Elderly People) submit to:

[convenorncan@gmail.com](mailto:convenorncan@gmail.com)

National Youth Day–12<sup>th</sup> January 2024

Sl. No	Reporting items	Details
1	Name of the University/ Institute/ HEI (Higher Educational Institution)	Dewan VS Institute of Engineering & Technology
2	HEI Address	Mussorie By Pass Road, NH 58, Partapur, Meerut, Uttar Pradesh 250103
3	Name and contact details of the Principal/Head of the Institution	Dr. Shilpi Bansal (99979 93611)
4	Objective(s) of the programme	<ol style="list-style-type: none"> <li>1. Getting the College Youth across India involved in Community Engagement with Senior Citizens.</li> <li>2. To build inter generational family bond through engagement activities of College Student youth across India</li> <li>3. To acknowledge and owe our present to the contribution made by past generations with gratitude.</li> </ol>
5	Number of participants (please enclose the List of Participants of the attendance sheet)	07 groups ( 14 participants )
6	Details of the Resource persons/ key speakers (please enclose the details)	Name: Mr.Prashant Raghav Designation: Assistant Professor Organization: DVSJET, Meerut Contact No.: 8476020835 Email ID: prashant@dewaninstitutes.org
7	Key take-aways from the workshop	<ol style="list-style-type: none"> <li>1. Inter-generational Understanding: Workshop emphasized bridging the generation gap, fostering empathy, and promoting mutual understanding between today's youth and yesteryear's elderly.</li> <li>2. Storytelling as a Connection: Participants explored the power of storytelling to share experiences, creating a stronger bond and preserving valuable memories.</li> <li>3. Active Listening Skills: Importance of active listening in communication was highlighted, encouraging youth to attentively engage with elderly participants and vice versa.</li> <li>4. Reciprocal Learning: Both youth and elderly participants discovered the value of learning from each other, exchanging skills, perspectives, and insights.</li> <li>5. Sustainable Community Engagement: The workshop aimed at fostering ongoing relationships, emphasizing the long-term benefits of sustained community engagement between the youth and the elderly for a harmonious and supportive society.</li> </ol>
8	Course of action/ follow up action	Participants in the "Today's Youth for Yesteryear's Youth Workshop" will engage in intergenerational activities, fostering empathy and understanding. They'll organize regular visits to elderly care facilities, create a buddy system connecting youth with seniors, and establish ongoing community projects to address the needs of the elderly, promoting meaningful connections.

Photographs of the workshop





Signature of the Principal/Head of the Institution with stamp (Can be digital also)

Director  
Dewan V.S. Institute of Engg. & Technology  
By Post Road, Partapur, Meerut

Signature 

Name..... Dr. Shulfi Bansal  
Head of the Organisation



## Rejuvenation of Pond

**Project Title:-** Re-use of Wastewater for Agriculture as a Supplementary Source of Nutrition for Crops & Rejuvenation of Pond.

**Project Summary:** According to the Central Water Commission, annual need is 3000 billion m<sup>3</sup> and India has an annual rainfall of 4000 billion m<sup>3</sup> out of which only 8 % rain water is saved which is lowest in the world. The total amount of our available ground water out of which 63% is being used for irrigation purposes. In future water will become a more costly input in our agricultural activity for which the recycling of waste water is necessary in rural and suburban areas. It is necessary that a pre-treatment should be made to make it safe and suitable for enrichment of nutrients which may be a partial substitute for fertilizer application.

### **Following the project objectives:**

1. To identify the waste water drainage and measurement of flowing volume and analysis for nutrients and heavy metal levels of waste water flowing from waste water bodies.
2. Construction of water flowing floor followed by development of gravel barrier and sedimentation pit.
3. Plantation of different plants for phytoremediation like Typha, bamboo, naagar paan and fragments. After harvesting the biomass of these plants can be used for making particle boards, briquettes and manure by decomposing through microbial Decomposition.
4. Artificial aeration for increasing the DO level of pond water.
5. Floating island for pleasing appearance of pond.
6. Development of peripheral area of pond through plantation, barricading or fencing.



**UNNAT BHARAT ABHIYAN**  
**DEWAN VS INSTITUTE OF ENGINEERING & TECHNOLOGY, MEERUT**  
(UBA PI Id: C-46966)  
Date: 02 Mar 2024

**Report of Visit at IIT Roorkee**

A one day visit was planned for the **submission for Pre-approval of SEG proposal of UBA projects & also to attend UBA Awareness Workshop** for UBA Principal Investigators of the Participating institutions covering Uttarakhand and Western Uttar Pradesh with Officials, Students, and Farmers of the districts Haridwar, Dehradun, and Pauri Garhwal on **March 2<sup>nd</sup>, 2024 (Saturday), from 10:00 AM to 4:00 PM in the O.P. Jain Auditorium of IIT Roorkee.**

The major themes that were focused are: **'Water Security, Organic Farming, and Agromet Advisory Services in Sustainable Rural Development'** through expert sessions.

As a participating institute of UBA, undergiven **5 individuals** went for one day workshop.

1. Mr. Prashant Raghav (Asst. Prof EE Deptt)
2. Mr. Gaurav Kashyap (HOD, Civil Deptt)
3. Harsh Kumar (Student ECE Deptt)
4. Arsh Kumar (Student ECE Deptt)
5. Ayush Pal (Student EE Deptt)

**Major outcomes of this visit are:**

1. Gained a deep exposure of village problems regarding farmers and cultivation methodologies as described by three speakers of the sessions Padma Shree Kanwal Singh Chauhan, Uma Shankar Pandey, Bharat Bhushan Tyagi.
2. Students of DVSIET also explored IIT Roorkee campus and GKMS and water testing labs of Water Resource Department.
3. Meeting with Prof. Ashish Pandey, Prof. Bibhuti Ranjan and Mr. Arun Panwar and UBA Officials. A green signal is received after the discussion for pre approval of 02 SEG Proposal Projects initiation by DVSIET.

Yours faithfully,

**Mr. Prashant Raghav**  
**Assistant Professor (EC/EE Department)**  
**Coordinator (PI), UBA**







**UNNAT BHARAT ABHIYAN**  
**DEWAN VS INSTITUTE OF ENGINEERING & TECHNOLOGY, MEERUT (UBA PI Id: C-46966)**

**Minutes of Meeting (04 March 2024)**

**Agenda:**

Regarding 02 SEG Proposal to be prepared as per the directions of RCI, IIT Roorkee

**Decision Making:**

As per the directions of Dr. Bibhuti Ranjan Bhattacharya in RCI, IIT Roorkee on 02 March 2024 a green signal is forwarded for the preparation and pre approval of SEG project proposals. As per recommended guidelines actions are proposed.

**Discussion and finalization:**

**Push Make Dung Cake Machine**

Project Head: Mr. Abhishek Gulati (HOD, ME)

Project Coordinator: Mr. Rajeev Kumar (Asst. Prof ME)

1. SEG Division matched: Sanitation and Solid Waste Management (Prof. Indumathi Nambi, IIT Madras)
2. SDG matched: SDG 9 (Industry, Innovation and Infrastructure)

**Rejuvenation of Pond**

Project Head: Mr. Gaurav Kashyap (HOD, CE)

Project Coordinator: Ms. Sonam Pundir (Asst. Prof. CE)

1. SEG Division matched: Water resource management (Prof. Manoj Kumar Tiwari, IIT Kharagpur)
2. SDG matched: SDG14 (Life Below Water), SDG3 (Good Health and Well being), SDG6 (Clean water and sanitation)

**Action Items:**

**Push Make Dung Cake Machine**

1. CAD 2D and 3D models designs of the prototype with dimensions are to be prepared and to be included in the SEG Proposal.
2. Survey data regarding the usage of dung cakes in the village is to be formulated and included.
3. Accumulation of proofs regarding the use of dung cakes is to be done like amazon distribution for the validation of project idea under SEG Proposal.
4. Accumulation of data for the formulation regarding Medical Problems arising due to hand making of dung cakes.

**Rejuvenation of Pond**

Project Head: Mr. Gaurav Kashyap (HOD, CE)

Project Coordinator: Ms. Sonam Pundir (Asst. Prof. CE)

1. Block Diagram representation of activities of the project proposal to be included.
2. Literature Survey and accumulation of proof in terms of research papers to validate the idea and processes involved.
3. Any success stories behind the project activities or with the active persons involved.

**Closing Remarks:**

A review meeting is scheduled in 20 days regarding the action items proposed.

Thanks and Regards,

**Mr. Prashant Raghav**  
**Assistant Professor (EC/EE Department)**  
**Coordinator (PI), UBA**