

UBA BULLETIN

INDIRA GANDHI DELHI TECHNICAL UNIVERSITY FOR WOMEN
KASHMERE GATE, DELHI

NEWSLETTER OF UNNAT BHARAT ABHIYAN (UBA)
Issued by UBA Cell, IGDTUW

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Hello everyone. Season Greetings!

I am pleased to put forward the second edition of our Newsletter highlighting major activities conducted from August, 2019 to February, 2020.

It has been brought to my notice that the UBA Cell of IGDTUW witnessed many exciting activities which helped to develop a greater understanding of various process involved in Community Led Development Project.

This started by analysis of survey data and presenting it in front of Local Advisory Committee Members in the month of August, 2019 to validate our inferences and plan out futuristic strategy.

In September 2019, the UBA Cell conducted an interactive session on Community based GIS Mapping. In this month, they were also invited by IIT Delhi to share their experiences and motivate new Participating Institutes (PI) during the Orientation Programme. This was followed by further meetings with Local Administration and Local schools in the month of October, 2019.

The highlight of the past session was the academic integration of UBA activities wherein students were encouraged to prepare a storyboard and User Interface (UI) for the community based mapping based on their Burari village experience. This assignment was taken up under the subject 'Strategic Design Thinking'. The proposal was deeply appreciated by renowned professionals and faculty members, when the students work was displayed in an exhibition organised in the month of November.

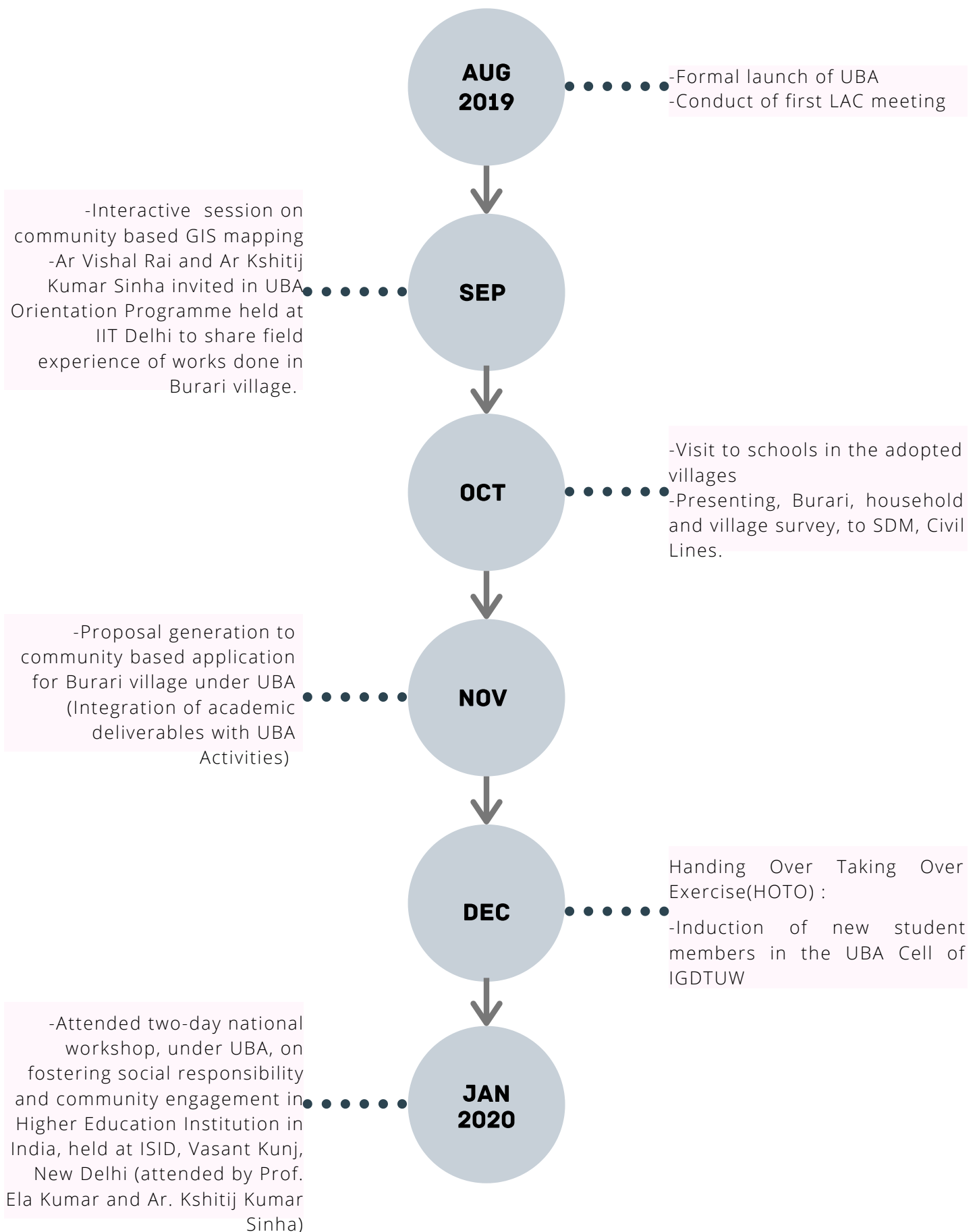
I am confident that you would enjoy reading this issue as much as the students enjoyed working on it.

Happy Reading.

Dr. (Mrs.) Amita Dev
Hon'ble Vice Chancellor, IGDTUW, Delhi

Unnat Bharat Abhiyan is a platform that has showed me a whole new perspective of people dealing with a variety of struggles. Knowing and understanding their problems and finding out responsive answers has widened my horizon. Communication with the locals has really developed my social and cognitive skills. UBA has helped me to get down to core of the problems and finding out solutions. - Deekshi Sharma, B. Arch Year 2

PROGRESS OVERVIEW



The experience with MHRD's Unnat Bharat Abhiyan was great. Interaction with different people, knowing their problems, interacting with them one on one improved our personalities and helped us to know our surroundings better. This program was a great opportunity to understand the real issues and work on actual problems which boosted our confidence and widened our perspectives. -Deepansha, B. Arch Year 4

LAUNCH OF UBA AT IGDTUW

Unnat Bharat Abhiyan (UBA) is a flagship program of Ministry of Human Resource and Development (MHRD), Government of India under which Universities are encouraged to adopt cluster of five villages and implement solutions in collaboration with public administration. Indian Institute of Technology (IIT), Delhi has been designated as the coordinating and mentoring Institute. UBA, with the aim of involving more Universities, had called for entries from Universities across the country to be associated with the program as Participating Institution (PI).

Indira Gandhi Delhi Technical University for Women (IGDTUW) applied in this programme showing its willingness to adopt five villages in Delhi State namely Sadar Bazaar, Daryaganj, Paharganj, Civil Lines and Seelampur. Our University has been shortlisted as the Participating Institute through a challenge mode application process. By involving faculty members and students & establishing tie ups with NGO's/ Voluntary Organizations/ persons already working in the village area, the first task was to establish a connect with the villages and thereafter survey of villages and households was undertaken.



Image: First issue of UBA newsletter unveiled during the LAC meeting.

First meeting of local advisory committee for Unnat Bharat Abhiyan was held in IGDTUW on 22nd August, 2019. On this occasion the hon'ble Vice-Chancellor Dr. (Mrs.) Amita Dev addressed the august gathering, highlighting the importance of working on projects like UBA and appreciated the efforts of UBA cell. UBA bulletin of IGDTUW was also released by hon'ble VC Dr. (Mrs.) Amita Dev and registrar, Dr. (Prof). R. K. Singh. The meeting continued for the entire day with the LAC members discussing and analyzing the work done till date and also formulating the way forward.

The meeting concluded with UBA coordinator Ar. Kshitij Kumar Sinha and advisor Ar. Vishal Rai thanking the members and participating faculty and students. They also thanked Mr. Pradeep Tayal, SDM Civil Lines and Mr. Neeraj and Mr. Goldie for helping the students conduct the survey. LAC members expressed great satisfaction and happiness for the successful outcome of the program till date.



The survey we performed gave us a reality check and a lesson to cherish for the whole life. How to communicate with different people and the problems they face daily. As a student of architecture it actually helped me realize how different areas play an important role and how does planning affect different people .

-Bhoomika Singh, B. Arch Year 2

LOCAL ADVISORY MEETING

The first meeting of Local Advisory Committee members (LAC) and UBA cell member was held on 22.08.2019 in the room no. 101, Computer Lab of Department of Architecture and Planning.(DAP), IGDTUW.

This meeting was attended by the following members:

1. Dr. (Mrs.) Amita Dev, Hon'ble Vice-Chancellor, IGDTUW, and Chairperson LAC
2. Prof. A.G.K. Menon, Architect, Urban Planner, Conservationist, and Chairperson, BOS, DAP, IGDTUW and LAC member, IGDTUW
3. Dr. Madhu Sharan, President, Hand in Hand India and LAC member, IGDTUW
4. Ms. Ranu Bhogal, Director- Policy. Research and Campaigns, Oxfam India and LAC member, IGDTUW
5. Mr. Pinaki Roy, Concept Partner, Eco-Logical foundation and LAC member, IGDTUW
6. Ar. Vishal Rai, Associate Professor, DAP, IGDTUW, and UBA Cell Member
7. Dr. Bhavani Prasad, Assistant Professor, AS&H, IGDTUW, and UBA Cell Member
8. Mr. Kanchan Sharma, Assistant Professor, ECE, IGDTUW, and UBA Cell Member
9. Mr. Rishabh Kaushal, Assistant Professor, IT, IGDTUW and UBA Cell Member
10. Mr. Ravindra, Assistant Professor, MAE, IGDTUW and UBA Cell Member
11. Dr. Preeti Vajpeyi, Associate Professor, DAP, IGDTUW joined as a Moderator of a session and Special Invitee
12. Ar. Kshitij Kumar Sinha, Assistant Professor, DAP, IGDTUW and University coordinator for UBA
13. Students of the UBA Cell

Other LAC members Prof. Mr. M.R.Ravi, IIT Delhi, Ar. Kabir Vajpeyi, Ashoka Fellow and Founder, VINYAS and Dr. Deepa Sinha, Professor, Ambedkar University, Associated with Right to Food Program could not attend the meeting due to prior commitments.



Solutions Proposed by the LAC members are:

- 1.It was deliberated that IGDTUW being an engineering institute should contribute the mapping exercise that could be commenced on priority as there are issues of non-availability of maps of the adopted village.
- 2.Explore the village connectivity to different parts of Delhi and the last mile connectivity within the village.
- 3.Understand the built typology and level of development in the village.
- 4.To collect qualitative data about the primary health care centers and conditions of Mohalla Clinics.
- 5.LAC also suggested contacting the elected representatives of the area also as this may help in establishing a better connection with the local community and more reliable data about health,sanitation, water supply etc can be availed.
- 6.The LAC members suggested work on livelihood issues of local community. The solution suggested may be able to solve multiple problems simultaneously.
 - a. Building proper waste disposal and recycling system.
 - b. Generating livelihood for the porter community.
 - c. Cheap method of waste management
- 7.More Women Empowerment opportunities to be presented since only 2% of the women who have had higher education, are currently working.
8. Recreational facilities were suggested as there are no designated places for them in the community.
9. Urban services development like waste and water management were suggested.

I started working with UBA in first year of my college when things were new, UBA gave a great opportunity to explore and meet new people, analysing the root causes of problem the people were facing, trying to figure them out. It is something that can't be learnt sitting at home.

-Shubhangi Gupta, B. Arch Year 2

ESTABLISHING LOCAL PARTNERSHIP & CAPACITY BUILDING

Interactive Session on Community Based GIS Mapping

On Thursday, 7th September, 2019, an Interactive Session on Community Based GIS Mapping techniques was organised by Mr. Pinaki Roy and Ar. Kshitij Kumar Sinha, conducted by Mr. Muthu, who has almost 10 years experience of working on building capacity of communities to develop GIS based maps.

He administers a program called Bailey Bridge Initiative (BBI) that may prove instrumental for the mapping exercise to be undertaken in the adopted villages.

Mr. Muthu has been conducting the BBI for students at TISS, Mumbai and now he is happy to explore what we can do together.

The session was attended by 40 students i.e. 5th year B.Arch students and UBA Cell members. The following points were covered in the session:

- GIS Mapping as community based mapping tool.
- Identification of Urban issues
- Role of mapping in solving urban issues
- How GIS mapping is bridging the gap between the communities and the available resources and allowing the residents to utilise the resources to its full potential



The students of UBA Cell with UBA coordinator, Ar Kshitij Kumar Sinha during meetings with Mr. Pradeep Tayal, SDM, Civil Lines, to seek administrative guidance.



The session involved an interactive powerpoint presentation and round of discussion talking about the various merits of GIS Mapping



The members of UBA along with the coordinating faculty, Ar Kshitij Kumar Sinha visited the local school in Burari to make schools as a natural partner in UBA implementation.

Taking part in UBA has opened up a plethora of opportunities to work on our social and problem solving skills. While doing the survey for the initial stage, we learned how to approach and communicate with the general population. We were required to be observant and think quickly should the need arise.
- Faria Choudhry, B. Arch Year 2

ACADEMIC INTEGRATION OF UBA ACTIVITY

As part of the syllabus, the students of Bachelor's of Architecture, 4th year were required to design a mobile-based application solving a prevailing problem. A group of 6 students taking further the findings from the household survey, developed the user interface attempting to solve the problems identified.

The problems identified through household surveys were categorized into domains, namely:

- Explore your area
- Waste Management
- Water Management
- Sanitation, Artisans
- Complaints

The six domains were identified after understanding user behaviour and real community problems. Though the problems identified were common household problems but the solutions to the problems are such that can be implemented for many years to come.

Therefore the attempt to solve these problems through a mobile-based application made it possible to implement the solutions in the future as well. Categorizing the domains helped to identify the different stakeholder which are to be associated with each domain.

The major stakeholders identified were:

- Government: through their different schemes and policies
- Residents of the villages: helping in identifying the problem and testing the prototype, them being the main end-user
- Local Authority: help in carrying out the surveys and testing of prototype
- NGOs: NGOs working in rural areas are well versed with carrying out different activities in these areas and therefore can guide the students in doing so.
- Volunteers: involving university students from UBA Cell as well as students from neighbouring schools.

The formulation of a platform to implement the solution covering different domain can act the testing platform for other prototypes, where applications dealing specific problems of waste or water management can be plugged in. The application after development will be tested as a prototype by the people of the village Burari.



I am grateful to MHRD's Unnat Bharat Abhiyan which gave me this chance to explore a particular area, knowing their problems and finding a suitable solution to that. Dealing with different people is quite a challenging task itself but through this, you will surely enhance your communication skills.

- Gunjan, B. Tech Year 2

IGDTUW PARTICIPATION IN UBA CIRCLE

Orientation Programme at IIT Delhi

IGDTUW was initiated into the Unnat Bharat Abhiyan Orientation Programme held at IIT Delhi premises to share the Field Experience of the work done in their respective adopted villages to motivate all the upcoming participating institutes of Unnat Bharat Abhiyan.

The students of UBA Cell, IGDTUW along with Ar Vishal Rai and Ar Kshitij Kumar Sinha gave a presentation explaining their experience and process of undergoing activities regarding UBA at both university and village level, Further they explained the observations and findings of the village survey, LAC meeting and upcoming proposal formulations.

This presentation detailed out the various steps, in their chronological order, undertaken by the students to carry out the survey in a timely and orderly manner.



National Workshop under Unnat Bharat Abhiyan, at ISID Vasant Kunj, New Delhi

Prof. Ela Kumar and Ar. Kshitij Kumar Sinha, faculty members of UBA Cell, IGDTUW attended a two-day national workshop, under UBA, on 21st and 22nd January, 2020, organised by UGC, on fostering social responsibility and community engagement in Higher Education Institution in India, held at ISID, Vasant Kunj, New Delhi.

The objective of the two day workshop were as follows:

1. To familiarise HEIs with the rationale, principles and proposed activities as part of Framework and Guidelines
2. To share examples of good practices in India and internationally;
3. To develop an operational plan for implementation of the same in a time-bound manner
4. To evolve a shared learning platform for ongoing mutual support and learning on this theme

IGDTUW highlighted the academic integration of UBA activities by citing examples from subjects like Strategic Design Thinking, Women and Habitat, Women and sustainability etc. The efforts made by IGDTUW was much recognised and appreciated in front of the gathering.

While working under Unnat Bharat Abhiyan I explored various aspects. It was a new experience. Interaction with NGO's, and various organizations helped us expand our horizon, and to further discuss and share that knowledge with the students. Altogether it was an enlightening experience to work for the betterment of the society and as a responsible citizen increasing awareness to the unaware citizens of these rural areas. - Vijya, B. Arch, Year 4

EXHIBITION TO SHOWCASE STUDENTS' WORK



The students worked extensively and put up a successful exhibition. Further discussions were carried out amongst the peers as well as the faculty. It was considered an enlightening and enriching learning experience by all.



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