

Orientation Workshop Report on Decentralized Sanitation -under Sanitation Capacity Building Programme (5th October, 2018)

Submitted by

Guru Ramdas School of Planning,
Guru Nanak Dev University



Submitted to

National Institute of Urban Affairs, New Delhi



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1. Introduction

A one day collaboratory workshop was held in Guru Nanak Dev University by Guru Ramdas School of Planning and the National Institute of Urban Affairs, New Delhi on 5/10/2018 on Decentralized Sanitation under the Sanitation Capacity Building Platform (SCBP). A MoU on academic engagement on decentralized sanitation under the Sanitation Capacity Building Platform was signed by the Vice Chancellor Dr. Jaspal Singh Sandhu, Guru Nanak Dev University and Mr. Jagan Shah, Director, NIUA. The workshop was attended by students and faculty of Guru Ramdas School of Planning. The purpose of workshop was to provide an opportunity to engage GRDS of Planning in sensitizing students and faculty members to carry out research related to urban sanitation. Post Orientation workshop, open discussion was held between NIUA team and Faculty members of Guru Ramdas School of planning for deliberation on studio exercise, thesis/dissertation topics and state level workshop.

2. Signing of MOU

Before initiation of the orientation workshop, MoU for academic engagement on decentralized sanitation under the Sanitation Capacity Building Platform was signed between National Institute of Urban Affairs, Ministry of Housing and Urban Affairs and Guru Ramdas School of Planning, Guru Nanak Dev University, by the Vice Chancellor Dr. Jaspal Singh Sandhu. As mentioned in the agreement, the NIUA shall provide necessary support to Guru Ramdas School of Planning, Guru Nanak Dev University for academic activities on decentralized sanitation for promoting research as live case studies, specifically of small and medium size urban settlements.



MOU signing Ceremony led by Vice Chancellor Dr. Jaspal Singh Sandhu from GNDU and MR. Mr Deepinder S Kapur and Ms. Jyoti Dash from NIUA

NIUA is supporting following activities under the signed MOU

1. Studio Exercises for Masters of Planning (Infrastructure) for Studying the Existing Sanitation Systems in Small Towns of Punjab
2. Student Dissertations on Decentralised Sanitation Systems : Masters and Bachelors Courses
3. State level Dissemination and Advocacy Workshop to promote Decentralised Sanitation

3. Workshop Proceedings

The orientation workshop team included Mr Deepinder S Kapur, Senior Domain Expert, Ms Jyoti Dash, Programme Manager, Mr Mohit Kapoor, Program Officer and Mr. Doab Singh from NIUA. The team sensitized the students about different challenges related with existing sanitation practices in urban areas. They highlighted the importance of decentralized treatment systems. Dr. Kiran Sandhu, Head of Department Guru Ramdas School of Planning in her inaugural address pointed out the need to address sanitation problems in urban areas and welcomed the team for providing the platform to students in supporting studio exercise and student dissertations.

Mr Mohit Kapoor, Program Officer gave introduction of NIUA, its structure, objectives and functions and made a presentation on challenges and briefed national level policy framework on Faecal Sludge management.

Mr Deepinder S Kapur, Senior Domain Expert highlighted various issues and related them with existing sanitation practices and emphasised on the importance of decentralized treatment systems. Mr. Deepinder discussed that biggest challenges in the country are cleaning of pit toilets as a lot of pit toilets are constructed to make the nation open defecation free. He discussed various challenges related with polices, right to water and sanitation, cleaning of pits, manual scavengers and ground water contamination. He further deliberated on decentralized treatment systems in which sludge and septage treatment is done separately to make it fit for disposable or reuse.

Mr Mohit Kapoor showed case study and film on safe sanitation which was followed by an interactive exercise in which students were involved to list down all water and sanitation related facilities in their respective towns/cities. Mr. Kapoor and Mr. Doab asked students to identify the predominant sanitation system, treatment process for waste water treatment and identification of stakeholders and their roles in sanitation activities.

Ms. Jyoti Dash, Programme Manager involved the students in another exercise, which focused on identification of stakeholder and key problems/issues of each stakeholder. Various stakeholders identified included users/citizens/households, masons/contractors, elected representatives, sanitary inspectors, engineers, NGO's,

Truck operators, treatment plant operators and farmers. In this exercise students played the role of above mentioned stakeholders and discussed the challenges and issues. The role play was moderated by municipal councillor.



Glimpses of the Orientation Workshop

4. Post Workshop Discussion

A post lunch discussion session was held between NIUA team and Faculty member of GRDS of Planning in which studio exercise outline, thesis topics on decentralised sanitation and tentative time of state level workshop were discussed.

In studio exercise, 16 students of M. Plan (Infrastructure) 1st sem in two groups are undertaking two towns Rayya and Raja Sansi under studio exercise- GIU 518: Infrastructure Plan for Urban Area with focuses on decentralized sanitation. Raja Sansi town has on site sanitation systems which includes septic tanks whereas Rayya town has primarily sewerage network without treatment facility. NIUA team along with students also made a visit to Rayya town on 4th October, 2018 to assess the sanitation situation and also met the officials in Municipal Council Rayya. The studio exercise was discussed with the team members and studio exercise outline was handed over to NIUA team for further suggestions and inputs.

Further, the prospective thesis topics were deliberated. Tentative topics suggested by NIUA team include assessment of sanitation in slum areas and outskirts from DEWATS and FSSM perspective, evaluatory study based on established benchmarks, policy analysis, town case study on small bore sewer system, comparative study of 3-4 towns of different sizes on different parameters as desludging challenges, institutional system and financial challenges, financial and institutional assessment based case studies and business model town case study.

The tentative time for state level workshop has been fixed in last week of February 2019.

5. Outcomes and Learning's

The orientation workshop gave a meaningful exposure to the students on FSSM and provided initial understandings of the concept of FSSM and its relation to environment and public health. It also helped the students to understand the challenges faced by the stakeholder's involved and to give feasible solutions suitable in contextual situation.

6. List of Participants

Workshop on Decentralized Sanitation (Collaboration between GRDS of Planning and NIUA)

Date: 5-10-2018

Registration Form

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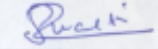

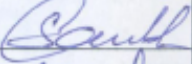
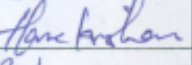
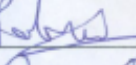
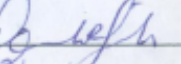
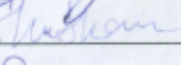
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