

सत्यमेव जयते

REGIONAL CENTRE FOR URBAN & ENVIRONMENTAL STUDIES, LUCKNOW

(MINISTRY OF HOUSING & URBAN AFFAIRS, GOVT. OF INDIA)

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Adjacent Registrar's Office, Lucknow University Campus, Lucknow, Uttar
Pradesh- 226007. 2740165

E-mail: rcueslucknow@gmail.com Website: www.rcueslucknow.org



The Regional Centre for Urban & Environmental Studies (RCUES) Lucknow, established in 1968 by the Ministry of Housing and Urban Affairs, Government of India, is one of four such centers in the country. It provides expertise, advisory, and consultancy services to urban local bodies and parastatal agencies. Having completed over 50 years of service, RCUES Lucknow continues to uphold its role as a Centre of Excellence, driving progress in urban governance and development.

Shri Katikithala Srinivas, IAS

Secretary,

Ministry of Housing and Urban Affairs, Government of India

Chairman National Review & Monitoring Committee, RCUES Lucknow

Shri Amrit Abhijat IAS

Principal Secretary,

Urban Development Department, Government of Uttar Pradesh

& the Chairman of the Governing Council, RCUES Lucknow

Chief Editor:

Dr. Nishith Rai,

Director

Publication Officer:

Ms. Rachna Rishi

ORIENTATION TRAINING PROGRAMME FOR ELECTED REPRESENTATIVES OF UTTAR PRADESH UNDER AMRUT 2.0

BACKGROUND

AMRUT 2.0 is a step towards AatmaNirbhar Bharat with aim of making the cities 'water secure' and providing functional water tap connections to all households. This will be achieved through circular economy of water by effecting water source conservation, rejuvenation of water bodies and wells, recycle/ reuse of treated used water, and rainwater harvesting by involving community at large. This Mission will be run as people's program i.e. Jan Aandolan. Mission also targets to provide 100% sewage/ septage management in 500 AMRUT cities. Mission will focus on empowering States/ UTs and cities for efficient implementation of projects in the spirit of cooperative and competitive federalism by providing flexibility to the States/ UTs to formulate, plan and implement the projects. CA released can be utilized for projects in any of the ULBs as per physical/ financial progress of the projects. In this context, Regional Centre for Urban and Environmental Studies (RCUES) Lucknow successfully conducted 15, 2 day Orientation Training Programme under Atal Mission for Rejuvenation and Urban Transformation 2.0 for Elected Representatives of Uttar Pradesh at Lucknow.

OBJECTIVES OF THE TRAINING PROGRAMME

The primary objectives of the Orientation Training Programme were as follows:

- To provide a comprehensive understanding of the AMRUT 2.0 mission and its goals.
- To equip elected representatives with the knowledge required for effective project planning, implementation, and monitoring.
- To enhance their skills in managing urban infrastructure and resources.
- To encourage collaboration and synergy between different levels of government, urban

local bodies, and other stakeholders.

TRAINING PROGRAMME HIGHLIGHTS:

The Orientation Training Programme for Elected Representatives of Uttar Pradesh under AMRUT

| List of Trainings | | |
|-----------------------|--------------------|-------------------------------------|
| Date | No of Participants | Coordinator |
| 01-02 July, 2024 | 41 | Dr. Anjuli Mishra, Joint Director |
| 04-05 July, 2024 | 21 | Dr. Alka Singh, Joint Director |
| 08-09 July, 2024 | 35 | Dr. Rajeev Narayan, Joint Director |
| 11-12 July, 2024 | 20 | Dr. Rajeev Narayan, Joint Director |
| 15-16 July, 2024 | 22 | Dr. Nasruddin, Assistant Director |
| 18-19 July, 2024 | 24 | Dr. Anjuli Mishra, Joint Director |
| 22-23 July, 2024 | 17 | Dr. Anjuli Mishra, Joint Director |
| 29-30 July, 2024 | 38 | Dr. Rajeev Narayan, Joint Director |
| 01-02 August, 2024 | 33 | Dr. Alka Singh, Joint Director |
| 08-09 August, 2024 | 34 | Dr. Anjuli Mishra, Joint Director |
| 12-13 August, 2024 | 52 | Dr. Nasruddin, Assistant Director |
| 22-23 August, 2024 | 26 | Mr. Ajit Mishra, Assistant Director |
| 29-30 August, 2024 | 41 | Dr. Rajeev Narayan, Joint Director |
| 02-03 September, 2024 | 51 | Mr. Ajit Mishra, Assistant Director |
| 12-13 September, 2024 | 23 | Dr. Nasruddin, Assistant Director |



2.0 was designed to provide essential knowledge and skills to the elected officials responsible for urban development and transformation in the state. This program aimed to empower these representatives to effectively contribute to the successful implementation of the Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0. The sessions included:

- Comprehensive review of the objectives and scope of AMRUT 2.0.
- Discussion of the key differences between AMRUT 1.0 and 2.0.
- Strategies for effective implementation and adherence to the updated guidelines.

Urban Reforms:

- Exploration of essential reform areas, including financial sustainability, service-level benchmarks, and governance reforms.
- Insights into implementing urban reforms successfully, including compliance with regulations and standards.

Payjal Sarvekshan (Water Quality Assessment):

- The importance of water quality assessments for safeguarding public health and environmental sustainability.
- Practical guidance on conducting water quality assessments in urban areas.

Water Supply Infrastructure:

- Detailed sessions on planning and designing sustainable water supply systems.
- Strategies for ensuring equitable and continuous water distribution.
- Emphasis on water conservation and demand management.

Septage Management:

- The critical role of effective septage management for sanitation and environmental health.
- In-depth coverage of septage collection, treatment, and disposal methods.
- Discussion on policy and regulatory aspects of



septage management.

The sessions on AMRUT 2.0 guidelines, reforms, Payjal Sarvekshan, water supply, and septage management served as a valuable platform for sharing knowledge and insights into critical aspects of urban development. These sessions equipped participants with the information and tools needed to contribute effectively to the successful implementation of AMRUT 2.0, ensuring sustainable urban growth and improved water supply management.

These learning's and best practices are expected to play a pivotal role in achieving the goals set forth by the AMRUT 2.0 initiative in urban areas.

PARTICIPANTS

A total of 478 elected representatives from Uttar Pradesh participated in the training programme.



ORIENTATION TRAINING PROGRAMME FOR MUNICIPAL OFFICIALS OF UTTAR PRADESH UNDER AMRUT 2.0

BACKGROUND

The Atal Mission for Rejuvenation and Urban Transformation (AMRUT) 2.0 is a critical urban development program introduced by the Government of India. AMRUT 2.0 is an evolution of the original AMRUT initiative and builds on its success. The mission is named in honor of former Prime Minister Atal Bihari Vajpayee, known for his visionary approach to urban development in India.

AMRUT 2.0 is designed to uplift the quality of life in urban areas and improve urban infrastructure and services.

AMRUT 2.0 represents India's continued dedication to improving the quality of life in urban areas. By addressing urban challenges, encouraging sustainability, and promoting efficient urban development, the program plays a pivotal role in realizing the vision of thriving and inclusive cities in India. It underscores the government's commitment to the well-being and advancement of urban residents, contributing to the nation's progress and development. In this context RCUES Lucknow conducted eight, Orientation Training Programmes under the Atal Mission for Rejuvenation and Urban Transformation 2.0 (AMRUT 2.0) to provide essential knowledge and insights to Urban Local Body (ULB) officials in the state of Uttar Pradesh. These program aimed to familiarize officials with the key objectives, strategies, and operational procedures of AMRUT 2.0, a crucial urban development initiative of the Government of India.

OBJECTIVES OF THE TRAINING PROGRAMME

The Orientation Training Programme had the

List of Trainings

| Date | No of Participants | Coordinators |
|-----------------------|--------------------|--|
| 01-03 July, 2024 | 28 | Dr. Nasruddin, Assistant Director |
| 08-10 July, 2024 | 22 | Mr. Ajit Mishra, Assistant Director |
| 29-31 July, 2024 | 31 | Dr. Alka Singh, Joint Director |
| 21-23 August, 2024 | 35 | Mr. Himanshu Chandra, Assistant Director |
| 28-30 August, 2024 | 24 | Mr. Himanshu Chandra, Assistant Director |
| 02-04 September, 2024 | 47 | Dr. Alka Singh, Joint Director |
| 09-11 September, 2024 | 37 | Dr. Rajeev Narayan, Joint Director |
| 18-20 September, 2024 | 33 | Mr. Ajit Mishra, Assistant Director |

following primary objectives:

- To introduce ULB officials to the objectives and principles of AMRUT 2.0.
- To provide a comprehensive understanding of the strategic components of AMRUT 2.0, including infrastructure development, service delivery, and governance reforms.
- To highlight the significance of data-driven decision-making and efficient project implementation.
- To foster a sense of ownership and commitment among ULB officials for the successful implementation of AMRUT 2.0.

TRAINING PROGRAM HIGHLIGHTS:

The Orientation Training Programme under AMRUT 2.0 featured a series of sessions and interactive discussions to ensure comprehensive coverage of the program's key components. Highlights of the program included:

- **Introduction to AMRUT 2.0:** An overview of the mission, its history, objectives, and the role of ULBs in its implementation.
- **Strategic Components:** Detailed discussions on the strategic components of AMRUT 2.0, including infrastructure development, service delivery, and governance reforms.
- **Data and Information Management:** The importance of data-driven decision-making and the effective utilization of technology for project planning and implementation.





- **Funding and Finance:** Insights into the financial aspects of AMRUT 2.0, including fund allocation, utilization, and reporting.
- **Project Implementation:** Strategies and best practices for successful project execution, monitoring, and evaluation.
- **Compliance and Reporting:** Guidance on ensuring compliance with mission guidelines and timely reporting to higher authorities.
- **Interactive Sessions:** Open discussions, Q&A sessions, and case studies to encourage active participation and knowledge sharing.

The Orientation Training Programme played a crucial role in equipping ULB officials with a clear understanding of the objectives and operational aspects of AMRUT 2.0. It also encouraged a sense of ownership and commitment among the participants to contribute to the successful implementation of the mission. Officials left the program with enhanced knowledge, skills, and a strengthened resolve to work towards the transformation of urban areas in Uttar Pradesh.

PARTICIPANTS

The program was attended by a diverse group of participants, including Executive Officer, Assistant Engineer, Clerk, Computer Operator, Jal Kal Parikshak, Junior Engineer, Revenue Inspector, Sanitary & Food Inspector in various ULBs across Uttar Pradesh. A total of 257 participants actively engaged in the training programme.



ONLINE TRAINING PROGRAMME ON SOCIAL AUDIT IN URBAN DEVELOPMENT PROJECTS

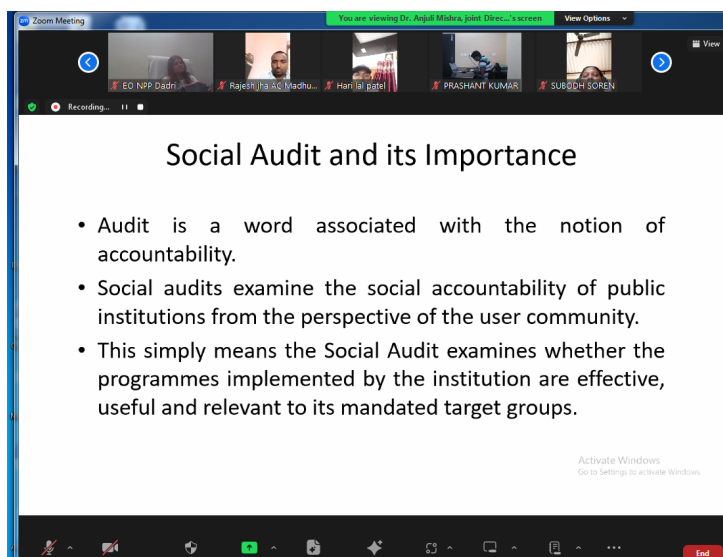
BACKGROUND

Social audit plays a pivotal role in urban development projects by enhancing transparency, accountability, and citizen engagement. It ensures that information regarding projects, including budgets and implementation plans, is made accessible to the public, which helps prevent corruption and misuse of resources. By fostering active citizen participation, social audits transform residents into co-creators of their urban spaces, promoting a sense of ownership and commitment, ultimately aligning development projects with the community's needs.

Moreover, social audits assess the quality of work and materials used, ensuring that urban infrastructure is built to high standards, providing long-term benefits to the community. They help identify inefficiencies, gaps, and issues in project implementation, enabling prompt corrective measures and better resource utilization. Through community feedback, projects can be tailored to serve the people's needs effectively, enhancing inclusivity and bridging socio-economic disparities.

In summary, social audits are a key component of good governance in urban development, promoting efficient use of resources and citizen-centric development. In this context, three online training sessions were organized for Urban Local Body (ULB) officials to empower them with the skills and knowledge needed to conduct social audits effectively.

OBJECTIVES OF THE TRAINING



The screenshot shows a Zoom meeting interface. At the top, there's a header bar with the Zoom logo and a status bar indicating 'You are viewing Dr. Anjali Mishra, Joint Director, RCUES'. Below the header, there's a video gallery showing several participants. The main content area displays a presentation slide titled 'Social Audit and its Importance'. The slide lists three bullet points: 'Audit is a word associated with the notion of accountability.', 'Social audits examine the social accountability of public institutions from the perspective of the user community.', and 'This simply means the Social Audit examines whether the programmes implemented by the institution are effective, useful and relevant to its mandated target groups.' At the bottom of the slide, there's a small text that says 'Activate Windows Go to Settings to activate Windows.' The Zoom toolbar at the bottom includes buttons for 'Unmute', 'Start Video', 'Security', 'Participants', 'Chat', 'Share Screen', 'Start Summary', 'AI Companion', 'Reactions', 'Apps', 'Whiteboards', 'Notes', and 'More'.

Social Audit and its Importance

- Audit is a word associated with the notion of accountability.
- Social audits examine the social accountability of public institutions from the perspective of the user community.
- This simply means the Social Audit examines whether the programmes implemented by the institution are effective, useful and relevant to its mandated target groups.

List of Trainings

| Date | No of Participants |
|-----------|--------------------|
| 15-Jul-24 | 71 |
| 29-Jul-24 | 86 |
| 05-Aug-24 | 66 |

PROGRAMME

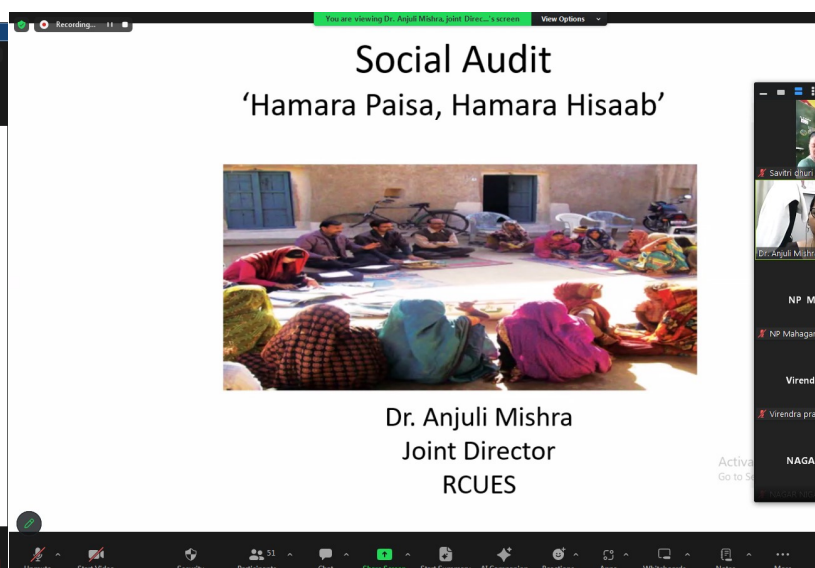
The primary objectives of the training were:

- To introduce ULB officials to the concept and significance of social audit in local governance.
- To provide tools and techniques for planning, conducting, and reporting social audits.
- To emphasize the importance of citizen engagement in the social audit process.
- To encourage the integration of social audit findings into decision-making and policy formulation.

TRAINING PROGRAMME HIGHLIGHTS


The comprehensive, interactive training covered a variety of topics and practical exercises, allowing participants to apply their knowledge effectively. Key highlights included:

- Explanation of social audit and its relevance for ULBs.
- Overview of the legal and regulatory framework governing social audits in local governance.
- Strategies for organizing social audits, including selecting relevant projects.
- Formation of social audit teams and audit plans.

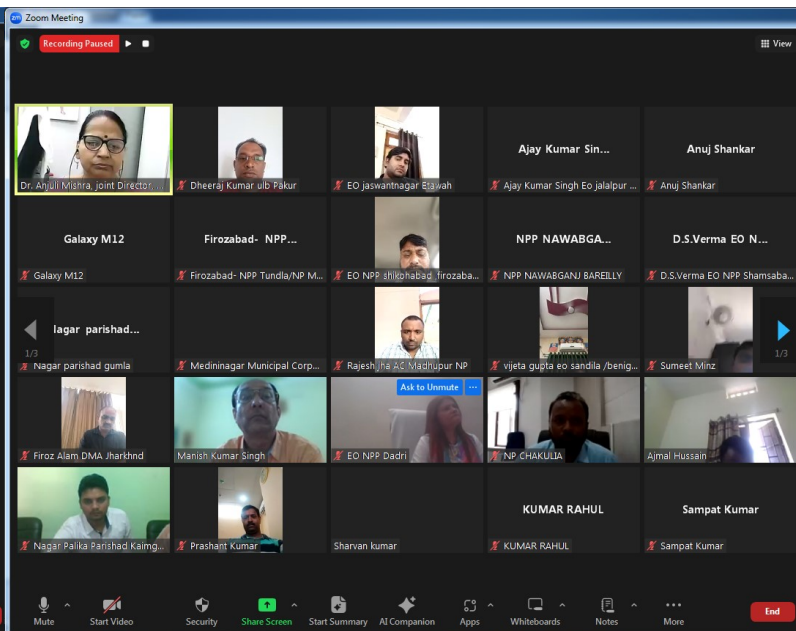
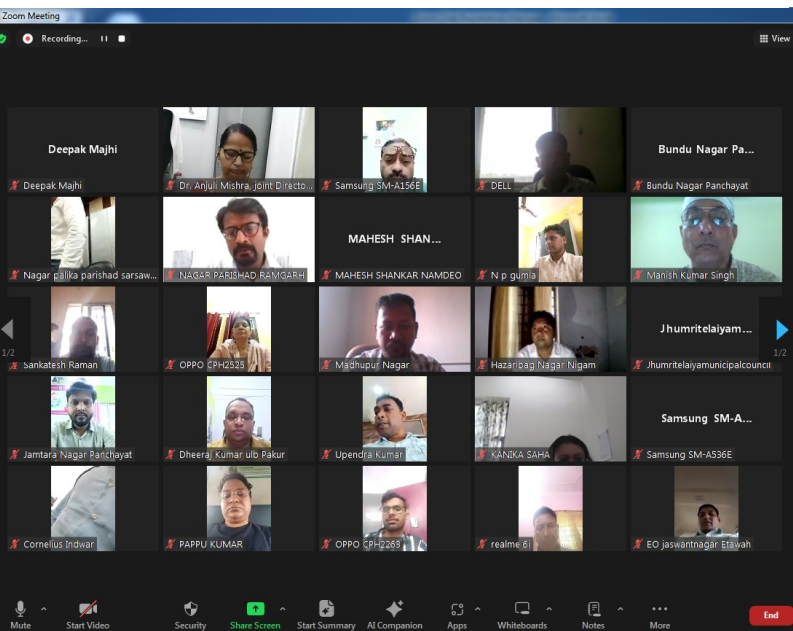


The screenshot shows a Zoom meeting interface. At the top, there's a header bar with the Zoom logo and a status bar indicating 'You are viewing Dr. Anjali Mishra, Joint Director, RCUES'. Below the header, there's a video gallery showing several participants. The main content area displays a presentation slide titled 'Social Audit' with the subtitle 'Hamara Paisa, Hamara Hisaab'. The slide features a photograph of a group of people sitting on the floor in a circle, engaged in a discussion. Below the photograph, the text reads 'Dr. Anjali Mishra Joint Director RCUES'. The Zoom toolbar at the bottom includes buttons for 'Unmute', 'Start Video', 'Security', 'Participants', 'Chat', 'Share Screen', 'Start Summary', 'AI Companion', 'Reactions', 'Apps', 'Whiteboards', 'Notes', and 'More'.

Social Audit
'Hamara Paisa, Hamara Hisaab'



Dr. Anjali Mishra
Joint Director
RCUES



- Techniques for gathering data from official records and community engagement.
- Methods for analyzing and interpreting data to evaluate social outcomes.
- Importance of citizen involvement in social audits.
- Strategies to mobilize and engage communities effectively.
- Guidelines for preparing detailed social audit reports.
- Approaches for ensuring transparency and public dissemination of audit findings.
- Integrating social audit findings into governance practices and policy formulation.
- Demonstrating the impact of audits on improving service delivery and public programs.
- Sharing real-life examples of successful social audits.
- Learning from best practices and success stories to enhance local governance.

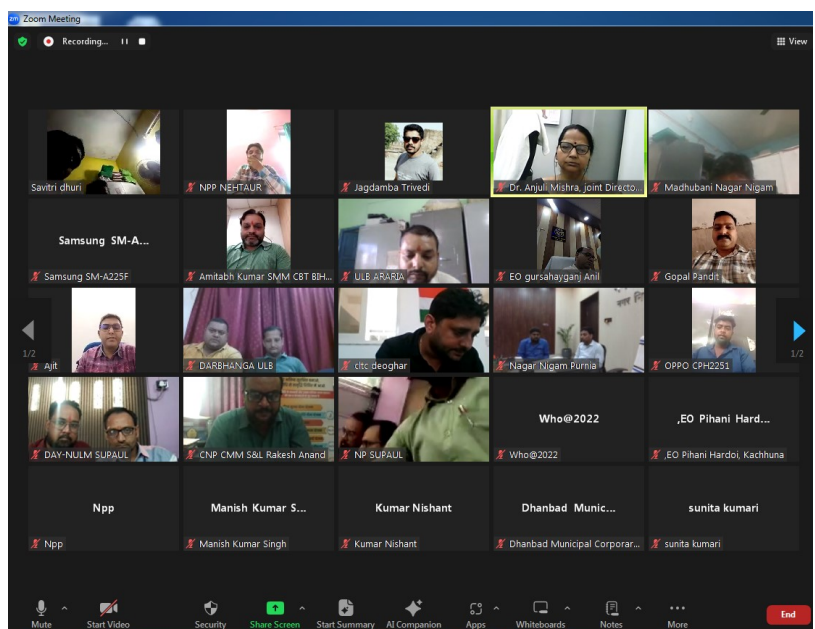
The training was a significant step towards promoting transparency, accountability, and citizen participation within ULBs. It equipped participants with essential tools to conduct effective social audits, reinforcing their role in improving governance and public services.

PARTICIPANTS

The training was attended by a diverse group of 223 participants, including Executive Officers, Accountants, City Managers, City Mission Managers, Clerks, CLTC members, CMMs, Community Organizers, Computer Operators, GIS Specialists, Junior Engineers, MIS Specialists, Mission Managers, Project Engineers, SLTC members, Tax Assessment Officers, and Town Planners.

COORDINATION

The programme was coordinated by Dr. Anjali Mishra, Joint Director, RCUES, Lucknow.



ADVANCE TRAINING PROGRAMME UNDER SBM 2.0 ON DPR PREPARATION AND PROJECT DESIGNING FOR USED WATER MANAGEMENT IN ULBS OF UP

BACKGROUND

On October 1st, 2021, the Ministry of Housing and Urban Affairs (MoHUA), Government of India, launched Swachh Bharat Mission-Urban 2.0 (SBM U 2.0). This program mandates urban local bodies (ULBs) with populations less than 1 lakh (according to the 2011 census) to adopt a multidimensional approach towards used water management, including sewerage, Faecal Sludge and Septage Management (FSSM), decentralized wastewater, and grey water management solutions.

FSSM, a new component under SBM U 2.0, focuses on the safe collection, transportation, treatment, safe disposal, and management of used water in ULBs with populations under 1 lakh. Currently, 110 Faecal Sludge Treatment Plant (FSTP) projects have been approved for design and implementation, with 45 in the construction stage and 110 in the pipeline.

RCUES Lucknow organised three, Advance Training Programmes under SBM 2.0 on DPR Preparation and Project Designing for Used Water Management in ULBs of UP with an aim to equip officials from UP-Jal Nigam and the ULB Directorate with the skills needed to prepare DPRs for various aspects of used water management, including sewerage systems, co-treatment, and treatment technologies with a focus on Interception and Diversion (I&D) systems.

OBJECTIVES OF THE TRAINING PROGRAMME

- Enhance Understanding: Provide a comprehensive understanding of used water management under SBM U 2.0.
- Skill Development: Train officials in DPR preparation, including various technical and regulatory aspects.
- Promote Best Practices: Share successful case studies and methodologies for effective used water management.
- Facilitate Collaboration: Encourage cooperation among ULBs, UP-Jal Nigam, and other stakeholders.

TRAINING PROGRAMME HIGHLIGHTS

| List of Online Trainings | |
|--------------------------|--------------------|
| Date | No of Participants |
| 22-23 July, 2024 | 38 |
| 24-25 July, 2024 | 35 |
| 26-27 July, 2024 | 50 |

The training session commenced with an introductory segment, where the facilitator welcomed the participants and provided an overview of the day's agenda. Key highlights included:

Following the introduction, the training moved into the first technical session, focusing on the Swachh Bharat Mission (SBM) and its components, with particular emphasis on used water management (UWM). The session included a discussion on the financial components associated with SBM and how urban local bodies (ULBs) can leverage these funds for effective implementation.

The training delved into the current status of Detailed Project Report (DPR) preparation and the basis for various solutions. It provided clarification on the roles and responsibilities of ULBs, Jal Nigam, and the Urban Development Department (UDD) in planning, implementing, operating, and maintaining UWM systems under SBM. Additionally, necessary regulations to ensure the effectiveness and sustainability of UWM systems were explained.

The training further explored planning used water management for small and medium towns. This included discussions on different approaches to used-water management, such as centralized, decentralized, FSM, and I&D-based treatment of wastewater. Participants analyzed the pros, cons, and contextual suitability of each approach and examined case studies of cities like Bundu that have adopted these approaches or combinations thereof. Guidance was provided on factors to consider when choosing suitable approaches for different towns, including where sewer systems are feasible, where I&D systems can be adopted, and where decentralized treatment plants are appropriate.

Participants then worked in groups to apply the UWM decision matrix to case towns, fostering practical understanding and collaborative problem-solving. A detailed presentation on the steps for preparing DPRs and the approval process was



given, along with examples from four towns where DPRs have been successfully approved.

The training included sessions on identifying drain endpoints, mapping catchment areas, and quantifying and qualifying drain endpoints. Steps for designing I&D at drain endpoints, linking Drain End Points (DEPs), and designing Intermediate Pumping Stations (IPS) and Main Pumping Stations (MPS) were also covered.

Technical sessions on treatment technologies included discussions on sewage treatment technologies, co-treatment methods, and tools and templates for DPR preparation.

PARTICIPANTS

The program was attended by a diverse group of participants, including Assistant Engineers, Executive Engineers, Junior Engineers, Revenue Inspectors, Computer Operators and Clerks. A total of 123 participants actively engaged in the training programme.

COORDINATION:

The training program was effectively coordinated by Mr. Ajit Mishra, Assistant Director, RCUES Lucknow.



TRAINING PROGRAMME ON DISASTER RISK MANAGEMENT IN URBAN LOCAL BODIES (ULBS) IN COLLABORATION WITH NIDM

BACKGROUND

Disaster Risk Management (DRM) has become an essential focus area for Urban Local Bodies (ULBs) in India, especially given the increasing frequency and intensity of natural disasters. Effective disaster management requires robust systems at the municipal level, where rapid urbanization and growing populations put significant stress on local infrastructure and services. In urban areas, disasters such as floods, earthquakes, and cyclones can severely impact essential services, leading to loss of life, property, and livelihoods.

ULBs play a critical role in planning, executing, and coordinating disaster risk reduction strategies, and their capacity to respond quickly and efficiently is crucial. To build this capacity, a specialized training programme on Disaster Risk Management was organized from 6th to 8th August 2024, in collaboration with the National Institute of Disaster Management (NIDM). The training aimed to empower ULB officials with the knowledge and tools necessary to mitigate disaster risks, enhance preparedness, and ensure swift recovery.

OBJECTIVES OF THE TRAINING PROGRAMME

The primary objectives of the training programme were:

- To introduce ULB officials to the fundamentals of Disaster Risk Management and the

importance of proactive disaster planning.

- To familiarize participants with key policies, frameworks, and legal provisions governing disaster management in urban settings.
- To equip officials with skills in disaster preparedness, response, and recovery, with a special focus on urban-specific challenges.
- To promote coordination between various municipal departments and external agencies during disaster situations.
- To encourage the integration of disaster risk reduction measures into urban planning and infrastructure development.

TRAINING PROGRAMME HIGHLIGHTS

The training was structured to provide both theoretical knowledge and practical applications through interactive sessions, group discussions, and case studies. Key highlights of the programme included:

- Overview of disaster risk management concepts, hazards, and vulnerabilities specific to urban areas.
- Understanding the role of ULBs in disaster risk reduction and response.
- Introduction to national and international disaster management frameworks, including the Disaster Management Act, Sendai Framework, and the National Disaster Management Plan.
- Strategies for disaster preparedness, including

early warning systems, evacuation planning, and public awareness campaigns.

- Risk reduction methods such as retrofitting critical infrastructure, land-use planning, and environmental





conservation in urban areas.

- Best practices for integrating disaster risk reduction measures into ULB planning and development projects.
- Coordinating with state and national disaster management authorities and agencies during disasters.
- Guidelines for emergency response, including setting up emergency operations centers and managing relief efforts.
- Training on disaster communication protocols, incident reporting, and media management.
- Framework for effective recovery planning, including damage assessment, resource allocation, and rebuilding efforts.
- Emphasizing the importance of sustainable reconstruction to build resilient infrastructure.
- Case studies on successful post-disaster recovery and lessons learned.
- Addressing specific challenges of disaster management in densely populated urban environments.
- Methods to ensure inclusivity and protection of vulnerable groups during disasters.
- Emphasizing the importance of community engagement in building resilient cities.
- Presentations of successful disaster management initiatives in Indian cities and lessons learned.
- Case studies of past urban disasters and how ULBs managed response and recovery.



PARTICIPANTS

The programme was attended by 51 senior officials from various urban local bodies, including Additional Municipal Commissioners, Joint Municipal Commissioners, Assistant Municipal Commissioners, Deputy Municipal Commissioners, Executive Officers, Executive Engineers, Junior Engineers, Assistant Engineers, Office Superintendents, Revenue Inspectors, Tax Assessment Officers, Tax Superintendents, and Urban Infrastructure Specialists.

COORDINATION

The programme was coordinated by Dr. Nasruddin, Assistant Director, RCUES, Lucknow, in collaboration with NIDM.

WORKSHOP ON SWACHH JAL SWACHH BHARAT III: PIONEERING URBAN WATER MANAGEMENT IN INDIA

BACKGROUND

The Swachh Jal Swachh Bharat III Urban Water Management Workshop, organized by the Regional Centre for Urban and Environmental Studies (RCUES) Lucknow, in collaboration with Water Digest, and in partnership with Bentley Systems and Andritz, was held on 9th August 2024. The workshop focused on addressing the critical issues of urban water management, aiming to explore and implement innovative solutions that are essential for India's growing urban landscape. Water is a key resource for sustainable development, and effective urban water management is essential to ensure the availability of clean and safe water for current and future generations. With India's cities rapidly urbanizing, the workshop highlighted the need to develop and adopt advanced technologies, comprehensive planning, and strategic policymaking to address challenges such as water scarcity, contamination, and inefficient water distribution.

OBJECTIVES OF THE WORKSHOP

The primary objectives of the workshop were:

- To raise awareness about the critical need for urban water conservation and management.
- To showcase innovative technologies and strategies for improving urban water management.
- To foster collaboration between policymakers, industry experts, and urban planners to tackle urban water challenges.
- To explore policy and technological synergies



Workshop began with the traditional lighting of the lamp, symbolising the light of knowledge and the path to a sustainable future.



Dr Nishith Rai, Director RCUES Lucknow welcomes Shri Manoj Singh (IAS), Chief Secretary, Government of Uttar Pradesh along with Smt. Anupama Madhok Sud, Director & Editor, Water Digest

for sustainable urban water management solutions.

WORKSHOP HIGHLIGHTS

The event was inaugurated by Shri Manoj Kumar Singh, Hon'ble Chief Secretary, Government of Uttar Pradesh. His address emphasized the importance of conserving water and the collective responsibility to ensure water availability for future generations. He called for immediate action and set a tone of urgency for the discussions that followed. Shri Amrit Abhijat (IAS), Principal Secretary, Urban Development Department, Government of Uttar Pradesh, delivered the keynote address. His visionary leadership in urban development guided discussions towards sustainable and innovative urban water management solutions. His address focused on the need for policies that are adaptive to technological advancements and urban needs. Dr. Nishith Rai, Director of RCUES Lucknow, inaugurated the workshop with his opening address, stressing the importance of urban water management in safeguarding public health and environmental sustainability. He called for collective efforts to address these challenges, emphasizing the role of collaboration among various stakeholders. Shri A. K. Gupta, Additional Director of RCUES Lucknow, addressed the gathering on the critical role of adopting the latest technologies in urban water management. He stressed the need for cutting-edge solutions to meet the growing demands of urban centers and improve water infrastructure efficiency. Shri Kamalakannan



Team RCUES Lucknow

Thiruvadi, Regional Executive for South Asia at Bentley Systems, shared insights on leveraging technologies like Digital Twin and iTwin, which are revolutionizing urban water systems by enabling cities to manage water infrastructure more effectively. His presentation underscored the potential of these technologies in enhancing the sustainability of water resources. A session chaired by Shri Anuj Jha (IAS), Director of the Directorate of Urban Local Bodies & Mission Director of Swachh Bharat Mission, explored the intersection of policy and technology in driving effective urban water solutions. The session focused on the need to bridge the gap between policy frameworks and the application of new technologies to solve urban water challenges. Shri R. P. Singh, General Manager-Jal, Noida Development Authority, emphasized the importance of master planning for urban water management, tailored to the specific needs of individual cities. He discussed the significance of local-level strategies to ensure efficient water usage and distribution. Shri Anshuman, Director of Water Resources at TERI,



Participants at the workshop



Dr Nishiith Rai, Director, RCUES Lucknow at the workshop

provided an analytical view on the integration of policy with technological advancements, presenting a comprehensive framework for advancing urban water management practices. He highlighted the importance of collaborative efforts across sectors to tackle the complexities of urban water systems.

PARTICIPANTS

The workshop saw participation from over 60 municipalities across India. Representatives from urban local bodies, urban planners, policymakers, and industry experts engaged in discussions on sustainable water management practices, sharing ideas and case studies on successful water management initiatives.

COORDINATION

The event was coordinated by Dr Alka Singh, Joint Director, RCUES Lucknow.

SWACHHTA HI SEVA CAMPAIGN: TO MARK THE 10TH ANNIVERSARY OF THE SWACHH BHARAT MISSION

INTRODUCTION

In commemoration of the 10th anniversary of the Swachh Bharat Mission, RCUES Lucknow organized a series of events under the banner of the Swachhta Hi Seva Campaign from 30th September to 2nd October 2024. These activities aimed to engage various sections of society to promote cleanliness, sustainability, and hygiene while honoring Mahatma Gandhi's vision of a clean and green India. The campaign featured a wide range of activities, from pledge-taking ceremonies to engaging street vendors, youth, and slum children, spreading the message of cleanliness and personal responsibility. The Regional Centre for Urban & Environmental Studies (RCUES) Lucknow successfully organized a series of impactful events as part of the *Swachhta Hi Seva Campaign*, commemorating the 10th anniversary of the *Swachh Bharat Mission*. Held from 28th September to 2nd October 2024, the campaign engaged diverse sections of society, with a strong focus on cleanliness, sustainability, and raising awareness about public hygiene.

KEY EVENTS UNDER THE CAMPAIGN INCLUDED:

Swachhta Kala: A drawing competition for slum children, encouraging them to express their understanding of cleanliness through art. This creative platform allowed young participants to spread the message of hygiene, underscoring the vital role of youth in the mission.

Swachhta Samvad: A dialogue with street vendors that emphasized the importance of maintaining cleanliness in public spaces. The discussions centered on practical approaches to keeping urban areas clean, reinforcing the need for community involvement.

Swachhta Shapath & Swachhta Varta: RCUES members united for the *Swachhta Shapath*, pledging their ongoing commitment to a cleaner India. This was followed by *Swachhta Varta*, a dialogue on sustainable sanitation practices and the future of urban cleanliness, aimed at strengthening collaboration across sectors.

"Swabhav Swachhata, Sanskar Swachhata" Awareness Session: A youth-centered event that aimed to empower young minds by instilling habits and values of cleanliness. This session inspired participants to adopt a lifelong commitment to hygiene, ensuring a brighter, cleaner future for the country.

Swachhta Shramdaan (2nd October, Gandhi Jayanti): In honor of Mahatma Gandhi's vision, RCUES staff and participants engaged in a cleanliness drive across their work areas. The Director of RCUES encouraged participants to embrace the habit of cleanliness as a personal responsibility, reinforcing Gandhi Ji's ideals and vision of a clean India.

Launched on 2nd October 2014, following Hon'ble Prime Minister's call on 15th August 2014, the *Swachh Bharat Mission* became the world's largest jan andolan (public movement) for cleanliness, involving citizens from all walks of life. As India marks the 10th anniversary of this initiative, RCUES Lucknow's campaign serves as a testament to the enduring spirit of public participation and the collective mission for a cleaner and greener India.

The *Swachhta Hi Seva Campaign* by RCUES Lucknow was a resounding success. Each event played a vital role in spreading awareness about cleanliness, engaging different sections of society, and reaffirming the commitment toward the





Swachh Bharat Mission. By involving children, vendors, youth, and stakeholders, the campaign effectively promoted hygiene, sustainability, and cleanliness.

These activities reinforced the message that cleanliness is not just the responsibility of a few but of all citizens. Through collective effort and public participation, we can continue to uphold Gandhiji's vision for a cleaner and greener India.



FACULTY DEVELOPMENT PROGRAMME ON DELIVERING EFFECTIVE WASH TRAINING

The Faculty Development Programme on "Delivering Effective WASH Training" aimed to strengthen the training skills of WASH educators and trainers, empowering them with advanced methodologies for impactful delivery. Hosted in collaboration with CAWST, the four-day programme 24-27 September 2024 in Orchha, MP, focused on equipping trainers with tools and techniques for creating dynamic, inclusive, and effective learning experiences.

OBJECTIVES OF THE WORKSHOP

Enhance Trainer Skills

Equip trainers with the skills needed to deliver engaging, effective WASH (Water, Sanitation, and Hygiene) sessions that foster deeper participant understanding and retention.

Promote Active Learning

Introduce the principles of active learning, enabling trainers to engage participants actively and make training sessions more impactful and memorable.

Create Inclusive Learning Environments

Emphasize the importance of safe, supportive, and equitable learning spaces to maximize participant engagement and learning.

WORKSHOP HIGHLIGHTS

- **Qualities of an Effective Trainer:** Sessions on identifying and developing the qualities essential for impactful training delivery.

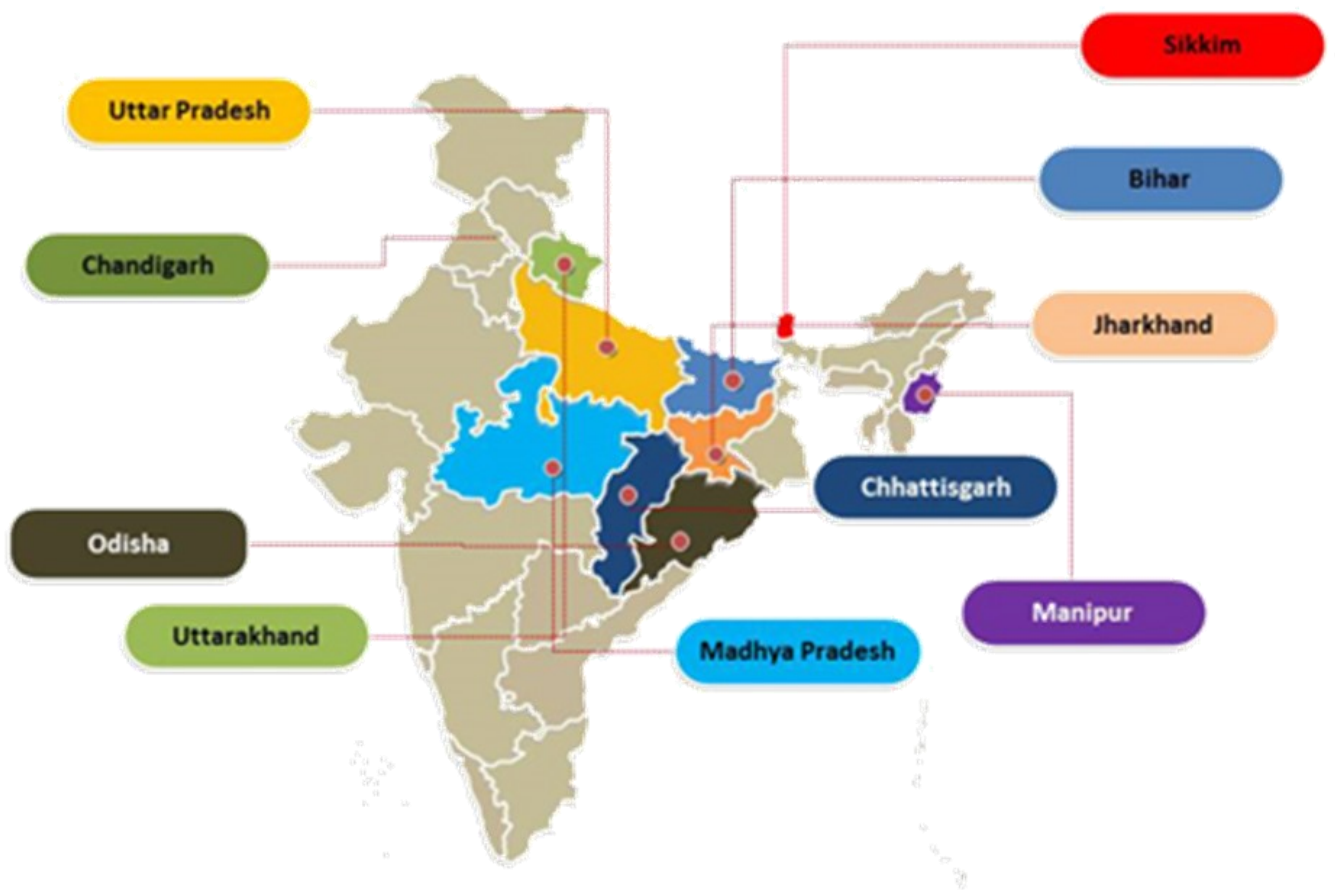
- **Active Learning & Stages of Learning:** Interactive modules on using active learning strategies, supported by case studies and group discussions.
- **ADDIE Model & Kirkpatrick Framework:** Comprehensive coverage of structured lesson planning and evaluation models to measure training effectiveness.
- **Constructive Feedback & Self-Reflection:** Techniques for providing growth-oriented feedback and fostering self-reflection among participants.
- **Behavior Change & Hygiene Practices:** Strategies for driving positive hygiene behavior change, supported by case studies such as "The Hand Washing Experiment."

This programme offered a blend of theoretical insights, practical exercises, and participatory activities, providing WASH trainers with a well-rounded, practical foundation in delivering impactful training. Active participation throughout the sessions helped trainers gain first-hand experience in applying these methods, promoting their ability to lead engaging and informative WASH sessions across diverse urban and rural contexts.





OUR REACH



Upcoming Campus of RCUES at Indira Nagar, Lucknow



For further details contact:

**Regional Centre for Urban & Environmental
Studies, Lucknow**

Adjacent Registrar's Office, Lucknow University
Campus, Lucknow, Uttar Pradesh- 226007

Ph: 0522-2740-165

Fax: 0522-2740-165

Email: rcueslucknow@gmail.com

www.rcueslucknow.org

क्षेत्रीय नगर एवं पर्यावरण अध्ययन केन्द्र, लखनऊ

(आवासन एवं शहरी कार्य मंत्रालय, भारत सरकार)

लखनऊ विश्वविद्यालय परिसर, कुलसचिव कार्यालय के
समीप, लखनऊ २२००७

फोन: 0522-2740-165 (टेलीफैक्स),

rcueslucknow@gmail.com

www.rcueslucknow.org