

सत्यमेव जयते

REGIONAL CENTRE FOR URBAN & ENVIRONMENTAL STUDIES, LUCKNOW

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

NEWSLETTER

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Regional Centre for Urban & Environmental Studies (RCUES) Lucknow is one of the four centers in the country established by the Ministry of Housing and Urban Affairs, Government of India at Lucknow in the year 1968. The Regional Centre provides expertise, advisory services & consultancy services to urban local bodies and Parastatals. The Centre has completed its 50 glorious years and continues to perform its activity as Centre of Excellence.

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ONILNE TRAINING PROGRAMME ON USED WATER MANAGEMENT

BACKGROUND

Urban Local Bodies (ULBs) play a critical role in managing urban infrastructure and services, including used water management. With rapid urbanization and increasing population density, effective used water management has become a pressing concern. Proper management of used water is essential to prevent pollution, ensure public health, and promote sustainable urban development. This training programme is designed to address the challenges faced by ULBs in managing used water and to equip participants with the knowledge and skills required for effective implementation. In response to the challenges faced by urban local bodies, three online training programs were organized.

OBJECTIVES OF THE TRAINING PROGRAMME

- To provide a comprehensive understanding of the importance and challenges of used water

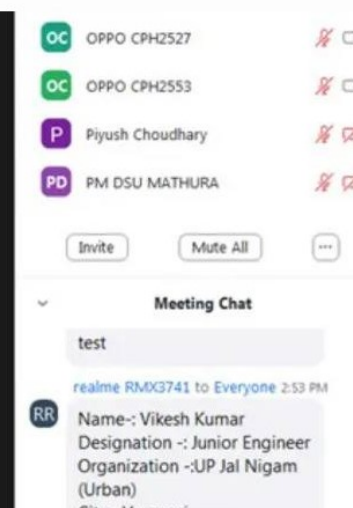
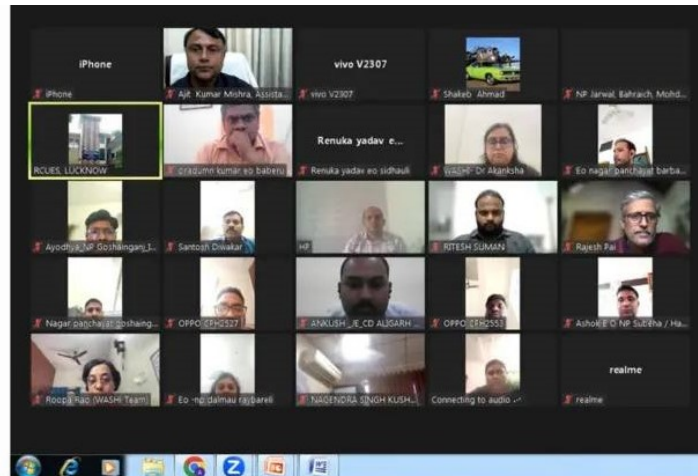
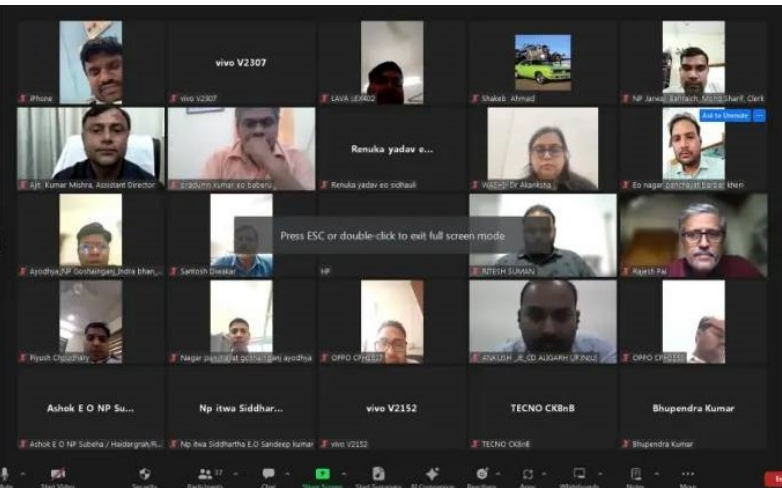
List of Online Trainings

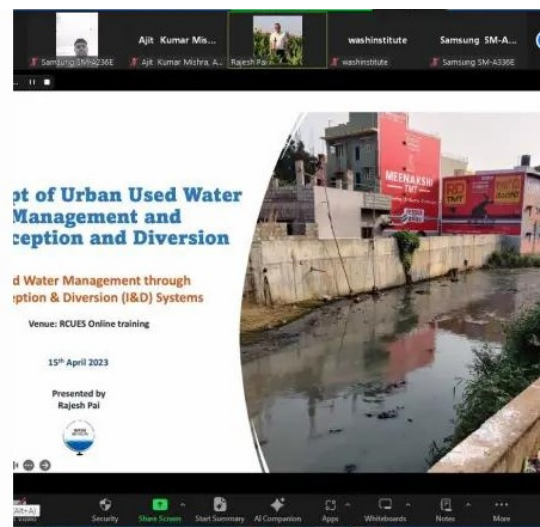
Date	No of Participants
15 April, 2024	30
16 April, 2024	33
18 April, 2024	19

management in urban settings.

- To develop the technical skills necessary for planning, designing, and implementing used water management systems.
- To share best practices and innovative solutions from successful used water management projects.
- To familiarize participants with the regulatory frameworks and policies governing used water management.
- To promote sustainable approaches and technologies for used water treatment and reuse.

TRAINING PROGRAMME HIGHLIGHTS





PARTICIPANTS

The online workshops were attended by a diverse group of participants, including Executive Officer, Executive Engineer, Assistant Engineer, Junior Engineer, Computer Operator, Nodal Officer, Sub Engineer & Clerk from Uttar Pradesh, Chhattisgarh, Madhya Pradesh, Bihar & UP Jal Nigam. A total of 82 participants actively engaged in the workshop.

COORDINATION:

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

ONLINE TRAINING PROGRAMME ON MICRO CREDIT TO STREET VENDORS IN URBAN AREAS

BACKGROUND

The outbreak of the global COVID-19 pandemic led to widespread devastation in India, impacting the lives of street vendors, laborers, migrant workers, and marginalized communities. To address these challenges, the Government of India declared a nationwide lockdown, significantly affecting the livelihoods of these vulnerable populations. In response to the crisis, the Indian government introduced a comprehensive relief package worth Rs. 20,00,000 crores to revive the economy and provide relief to those adversely affected by the pandemic. The package aimed to promote self-reliance, encompassing governance reforms, credit support for various segments of the urban population, including street vendors, MSMEs, startup businesses, and self-help groups.

Urban local governments took on a crucial role in the post-lockdown situation, focusing on pandemic prevention, response, protection of frontline workers, and rehabilitation of the urban poor. Street vendors, who play a pivotal role in ensuring the availability of affordable goods and services to city dwellers, were significantly impacted by the pandemic and lockdown measures. Given their limited capital and insufficient earnings, there was an urgent need to provide credit for working capital to help street vendors restart their businesses. To address this, the Government of India launched the Prime Minister SVANidhi Scheme, designed to support urban street vendors in reviving their businesses and livelihoods.

In response to the challenges faced by urban local governments and street vendors, three online

List of Online Trainings

Date	No of Participants
30 April, 2024	112
01 May, 2024	108
02 May, 2024	103

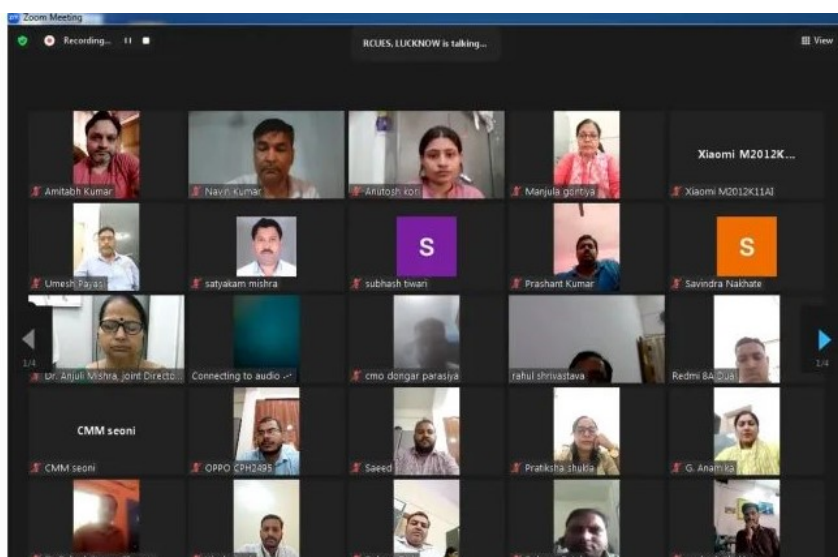
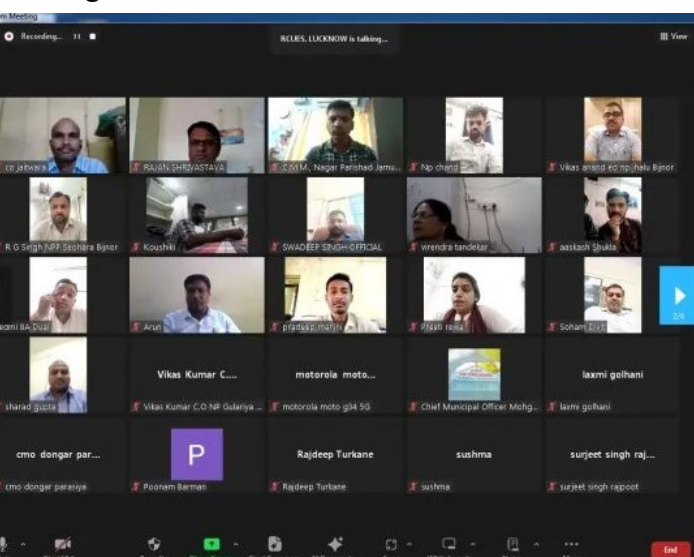
training programs were organized. The training programs aimed to discuss and deliberate on the provisions and procedures of the Prime Minister SVANidhi Scheme, with the goal of effective implementation in urban centers.

OBJECTIVES OF THE TRAINING PROGRAMME

The objectives of the training program were as follows:

- To emphasize the importance of Aatma Nirbhar Bharat (Self-Reliant India) and emerging opportunities for urban poverty alleviation.
- To discuss and deliberate on the various provisions and procedures of the Prime Minister SVANidhi Scheme.
- To highlight the micro-credit facility available to urban poor through the SVANidhi Scheme.
- To discuss the provisions of the SVANidhi se Samridhi Scheme.
- To identify and discuss the problems and challenges in the implementation of the Prime Minister SVANidhi Scheme and suggest measures for its effective execution.

TRAINING PROGRAMME HIGHLIGHTS:



ONLINE TRAINING PROGRAMME ON MICRO CREDIT FACILITY IN URBAN AREAS



User Id: 833 8907 2482

Password: 123456

Date: 30 April, 2024

Sessions: Registration

Pre Poll

PM SVANidhi: Introduction, objectives, Plan Duration, Coverage

Benefits under Scheme

Special Features of the Scheme

SVANidhi se Samriddhi Scheme

Post Poll and Question Answer Session

Speakers



Er. A K Gupta

Additional Director,
RCUES Lucknow



Dr. Anjuli Mishra

Joint Director,
RCUES Lucknow



QR Code for
Registration

The online training on Micro Credit Facilities for Urban Poor, organized in the context of the Prime Minister SVANidhi Scheme, has served as an important platform for disseminating knowledge and information to various stakeholders involved in urban governance and poverty alleviation. In light of the challenges posed by the COVID-19 pandemic, the program has equipped participants with the necessary understanding and tools to effectively implement the SVANidhi Scheme and provide much-needed support to the urban poor, especially street vendors. The coordinated efforts of RCUES and the participation of a diverse group of stakeholders reflect a commitment to addressing the pressing issues of urban poverty and economic revival in India.

PARTICIPANTS:

The online workshops were attended by a diverse group of participants, including Executive Officer, Accountant, Sanitary & Food Inspector, Computer

Operator, Clerk from Uttar Pradesh. A total of 323 participants actively engaged in the workshop, representing various stakeholders involved in the urban governance and development sector.

COORDINATION:

The training program was effectively coordinated by Dr. Anjuli Mishra, Joint Director, RCUES Lucknow.

ONILNE TRAINING PROGRAMME ON PROJECT & CONTRACT MANAGEMENT AND PUBLIC PRIVATE PARTNERSHIP

BACKGROUND

India's rapid urbanization presents both opportunities and challenges. To effectively manage these dynamics, the Ministry of Housing and Urban Affairs (MoHUA) emphasizes the importance of systematic project and contract management, alongside

List of Online Trainings	
Date	No of Participants
15 May, 2024	31
16 May, 2024	42
17 May, 2024	54

promoting Public-Private Partnerships (PPPs) in

urban development. This initiative aligns with the broader goal of creating sustainable and liveable cities in India. In this context, RCUES Lucknow organized 3, online training sessions.

The programme was coordinated by Mr Himanshu Chandra, Assistant Director, RCUES, Lucknow.

OBJECTIVES OF THE TRAINING PROGRAMME

The training aimed to:

1. Enhance participants' understanding of project management principles, tools, and best practices.
2. Equip participants with skills for effective contract management throughout the project lifecycle.
3. Provide insights into PPP concepts and their application for infrastructure development and public service delivery.

TRAINING PROGRAMME HIGHLIGHTS:

Project Management: The training provided a comprehensive exploration of project initiation, planning, execution, monitoring, and closure. Practical exercises and case studies were utilized to reinforce concepts.

Contract Management: Participants engaged in an in-depth analysis of procurement processes, risk assessment, dispute resolution, and compliance. Real-world scenarios were examined to enhance understanding.

Public-Private Partnership (PPP): An overview of various PPP models, along with their benefits, challenges, and successful case studies, was provided to broaden participants' perspectives on infrastructure development and service delivery.

PARTICIPANTS

A total of 127 ULB Officials attended the training programme organized by RCUES, Lucknow.

COORDINATION

ONLINE TRAINING PROGRAMME ON INCLUSIVE HOUSING POLICY

BACKGROUND

Pradhan Mantri Awas Yojana (Urban), a flagship Mission of Government of India implemented by the Ministry of Housing and Urban Affairs (MoHUA), was launched on 25th June 2015. The Mission addresses urban housing shortage among the EWS/LIG and MIG categories including the slum dwellers by ensuring a pucca house to all eligible urban households by the year 2022, when nation completes 75 years of its Independence. PMAY (U) adopts a demand driven approach wherein the Housing shortage is decided based on demand assessment by States/UTs. All houses under PMAY(U) have basic amenities like toilet, water supply, electricity and kitchen. The Mission promotes women empowerment by providing the ownership of houses in name of female member or in joint name.

Preference is also given to differently abled persons, senior citizens, SCs, STs, OBCs, Minority, single women, transgender and other weaker & venerable sections of the society. A PMAY(U) house ensures dignified living along with sense of security and pride of ownership to the beneficiaries.

COVID-19 pandemic has resulted in reverse migration of urban migrants/ poor in the country. Urban migrants stay in slums/ informal settlements/ unauthorised colonies/ periurban areas to save cost on housing. They need decent rental housing at affordable rate at their work sites. In order to address this need, Ministry of Housing & Urban Affairs has initiated Affordable Rental Housing Complexes (ARHCs), a sub-scheme under Pradhan Mantri Awas Yojana- Urban (PMAY-U).

In this context, three Online Training programmes on Inclusive Housing policy (PM Awas Yojana (Urban)) were conducted.

List of Online Trainings

Date	No of Participants
16 May, 2024	86
17 May, 2024	96
22 May, 2024	38

OBJECTIVES OF THE TRAINING PROGRAMME

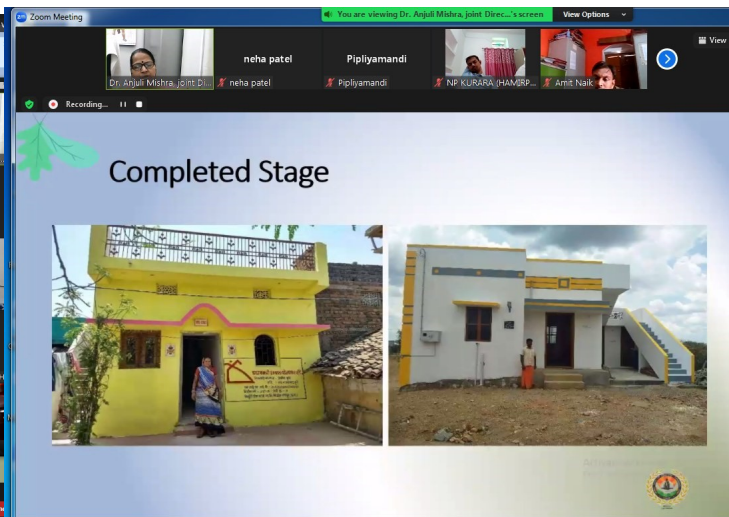
- To highlight the status of urban poverty and approaches for its alleviation;
- To discuss and deliberate upon the various provisions and procedures of the Pradhan Mantri Awas Yojana;
- To highlight the problems and challenges in implementation of Pradhan Mantri Awas Yojana and suggesting measures for its effective implementation.
- To highlight the main features and provisions under Affordable Rental Housing Complexes (ARHCs), a sub-scheme under Pradhan Mantri Awas Yojana.

PARTICIPANTS

The online trainings were attended by Executive Officer, Sanitary & Food Inspector, Junior Engineer, UIS, Computer Operator, DPM SBM-U, Community Organizer from Uttar Pradesh, Chhattisgarh & Jharkhand. In total 181 participants attended the training.

COORDINATOR:

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



TRAINING PROGRAMME FOR PRIVATE ORGANIZATION ENGAGED IN PROVIDING SANITATION

The Centre organized a one-day training program for the supervisory staff of private agencies providing sanitation services to various government and private organizations. The program was sponsored by the participating agencies. Participants from six agencies attended, including True Solutions Lucknow, Sun Facility Services Pvt. Ltd., A.N. Kapoor Janitors Pvt. Ltd., Prime Cleaning Services, Nirmal Facilities Management Services Pvt. Ltd., and Sub Facilities Management Services Pvt. Ltd. A total of 39 participants took part in the workshop.

The program was conducted in a hybrid format, with

external expert Shri Sunil Kapoor, a consultant, joining online from Noida, Uttar Pradesh. The aim of the program was to acquaint participants with the importance of the Swachh Bharat Mission and the role of private organizations in supporting it. Additionally, the participants were informed about various government guidelines and trained in the use of modern techniques and equipment to maximize staff efficiency. The program was coordinated by Dr. Rajeev Narayan, Joint Director, RCUES, Lucknow.



REVIVE LAND, END DESERTIFICATION AND SECURE WATER ON THE VOCATION OF WORLD ENVIRONMENT DAY

BACKGROUND

On the 5th of June 2024, the Regional Centre for Urban & Environmental Studies (RCUES) in Lucknow hosted a workshop in celebration of World Environment Day. The theme for this year, "Revive Land, End Desertification, and Secure Water," aimed to inspire, educate, and mobilize efforts towards sustainable water and land management practices. This workshop brought together experts, policymakers, practitioners, and enthusiasts to discuss and promote effective strategies for environmental conservation.

OBJECTIVES OF THE WORKSHOP

The primary objectives of the workshop were to:

- Raise awareness about the critical issues of land degradation, desertification, and water scarcity.
- Share best practices and innovative solutions for sustainable water and land management.
- Foster collaboration among various stakeholders, including Urban Local Bodies (ULBs), environmentalists, and policymakers.
- Inspire action and mobilize resources towards environmental sustainability.

WORKSHOP HIGHLIGHTS

The workshop commenced with an opening ceremony where key dignitaries highlighted the importance of World Environment Day and the need for urgent action to address environmental challenges. The inaugural address set the tone for the day, emphasizing the workshop's theme and objectives.

One of the main sessions focused on holistic water resource management. Experts discussed the importance of a comprehensive approach that includes:

The Entire Water Cycle: Addressing all stages from water sourcing, distribution, economic use, treatment, recycling, reuse, and returning it to the environment.

Collaborative Strategies: Engaging various stakeholders from different sectors to ensure an integrated and effective management plan.

Improving Water Quality

Another crucial session was dedicated to improving water quality. The discussions revolved around:

Pollution Reduction: Implementing stringent regulations and launching public awareness





campaigns to reduce pollution.

Monitoring and Assessment: Enhancing monitoring systems to identify pollution sources and assess the health of freshwater ecosystems.

Wastewater Innovation

Innovation in wastewater management was a significant highlight. Speakers underscored the need for ULBs to become centers of innovation by:

Developing Advanced Sewage Management Systems: Embracing new technologies for efficient sewage treatment.

Managing Storm water Runoff: Addressing urban flooding and runoff issues through effective management practices.

Promoting Reuse and Recycling: Encouraging the recycling and reuse of wastewater through innovative solutions and technologies.

The workshop featured presentations on successful case studies and best practices from various regions. These sessions provided practical insights and demonstrated the positive impact of sustainable water

and land management initiatives.

The workshop concluded with a call to action, urging all participants to implement the knowledge and strategies discussed. The closing remarks emphasized the importance of continuous efforts and collaboration to achieve the goals of reviving land, ending desertification, and securing water resources.

PARTICIPANTS

The workshop was attended by a diverse group of stakeholders, including: Joint Municipal Commissioner, Dy. Municipal Commissioner, Asst. Municipal Commissioner, Executive Officer, Asst. Engineer, Junior Engineer, DPM, Consultant Planning & Design, Consultant Assistant Planning & Design, Programme Manager (SBM), Revenue Inspector, Sanitary & Food Inspector, Senior Assistant. In total 42 participants attended the workshop

COORDINATOR:

The training programme was coordinated by Mr Himanshu Chandra, Assistant Director, RCUES, Lucknow.

ONLINE TRAINING ON LEGACY WASTE MANAGEMENT IN URBAN LOCAL BODIES

BACKGROUND

The Bioremediation Program, a pioneering mechanical-biological treatment, offers a cost-effective solution to mitigate the climate impact of landfill sites, which are significant generators of greenhouse gases in the waste sector. By aerobically composting the organic fraction of mixed waste, this program reduces methane and leachate production to nearly zero, thus addressing environmental concerns associated with landfill sites. The process involves aeration of mixed waste in old dumps through the formation of windrows and the application of microbial culture to degrade organic matter rapidly. Weekly mechanical turning of windrows facilitates faster degradation, resulting in up to a 40% reduction in waste volume after four turnings. The potential for methane gas generation is theoretically reduced by 90% compared to unprocessed waste dumping. Additionally, bioremediation provides a low-cost solution to the large accumulated mixed waste at landfill sites, with bio-mining enabling resource extraction from stabilized waste for productive reuse. In this context, three Online Training programmes on

List of Online Trainings

Date	No of Participants
05 June, 2024	60
06 June, 2024	46
07 June, 2024	51

Legacy Waste Management in ULBs.

OBJECTIVES OF THE TRAINING PROGRAMME

- To familiarize the participants with the Need & Importance of Legacy Waste Management
- To Acquaint the participants with the Method & Solutions for Legacy Waste Management

TRAINING PROGRAMME HIGHLIGHTS:

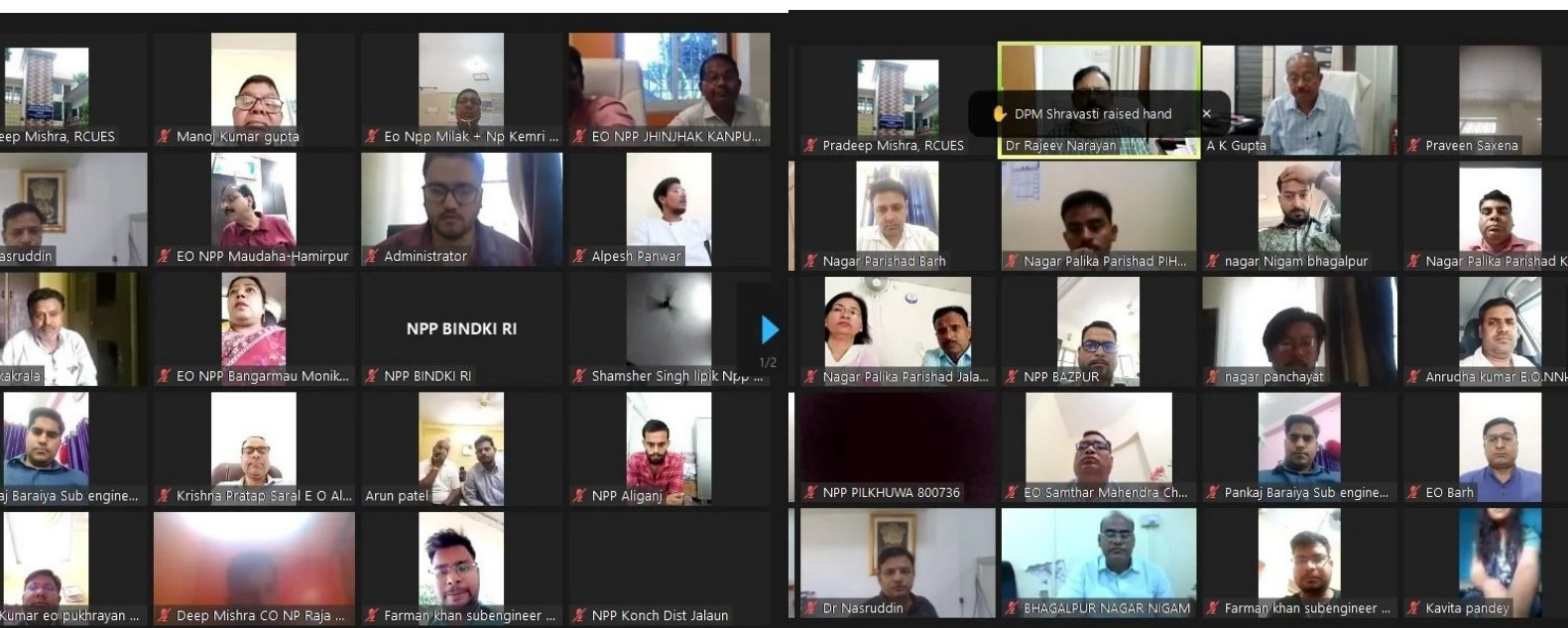
- The training session emphasized the significance of legacy waste management, familiarizing participants with its importance.
- It highlighted the environmental and socio-economic implications of unaddressed legacy waste, underscoring the urgency of action.

Recording... You are viewing Dr Rajeev Narayan's screen View Options

What Is Legacy Waste

- Legacy wastes are the wastes that have been collected and kept for years at some barren land or a place dedicated for Landfill (an area to dump solid waste).





- Participants were acquainted with various methods and innovative solutions for managing legacy waste, fostering a deeper understanding of practical approaches.
- The training provided insights into the technologies available for effective waste management, encouraging participants to explore sustainable solutions.

PARTICIPANTS

Overall, the program saw the participation of 157 individuals from Urban Local Bodies (ULBs) of UP, Bihar and Uttarakhand. These participants held various roles including Deputy Municipal Commissioner, Executive Officer, Assistant Public Sanitation & Waste Management Officer, Assistant Town Planning Supervisor, Chief Municipal Engineer, Clerk, Computer Operator, Data Entry Operator, Environmental Supervisor, Executive Assistant, MTS, and Tax Collector.

COORDINATOR:

The training programme was coordinated by Dr Rajeev Narayan, Joint Director, RCUES, Lucknow.

TRAINING ON LEGACY WASTE DISPOSAL IN URBAN LOCAL BODIES AND THEIR REVENUE ENHANCEMENT

BACKGROUND

The Regional Centre for Urban & Environmental Studies (RCUES) Lucknow has been at the forefront of addressing urban management issues, including waste management and revenue enhancement for Urban Local Bodies (ULBs). As part of its ongoing efforts to support ULBs in Uttarakhand, RCUES conducted a one-day training programme on "Legacy Waste Disposal and Enhancement of Revenue in Urban Local Bodies" on June 21, 2024, at the Dr. APJ Abdul Kalam conference hall in Rudrapur, Udham Singh Nagar, Uttarakhand.

Legacy waste management is a critical issue for ULBs, as improper disposal and treatment of accumulated waste pose significant environmental and health risks. Moreover, efficient waste management is essential for compliance with legal standards and for the sustainable development of urban areas.

Additionally, enhancing revenue for ULBs through improved tax management systems is crucial for ensuring that local bodies have the necessary resources to invest in infrastructure and services. This training programme aimed to address these pressing issues by equipping ULB officials with the knowledge and tools needed for effective waste management and revenue enhancement.

The programme was designed to provide comprehensive training on legal compliance, innovative treatment methodologies, and strategies for bio mining and bio remediation of legacy waste. It also focused on the implementation of SBM 2.0 (Swachh Bharat Mission) components and the preparation of City Sanitation Action Plans. Furthermore, the programme provided insights into using GIS-based property tax management systems to overcome current challenges and boost revenue for ULBs.

OBJECTIVES OF THE TRAINING PROGRAMME

- To educate ULB officials on the effective disposal and treatment of legacy waste.

- To ensure participants understand the legal requirements and compliance measures for waste management.
- To introduce methodologies for bio mining and bio remediation of legacy waste.



- To provide strategies for increasing ULB revenue through improved property tax management.
- To guide participants in preparing comprehensive sanitation plans for their cities.

TRAINING PROGRAMME HIGHLIGHTS:

The programme was inaugurated by Shri Uday Raj Singh, District Magistrate of Udham Singh Nagar. Sessions focused on legal compliance, treatment methodologies, and bio mining and bio remediation techniques. Detailed discussions on the components of SBM 2.0 (Swachh Bharat Mission) and strategies for its effective implementation. Training on the use of GIS-based property tax management systems, addressing current challenges, and exploring methods to boost ULB revenue. Steps for the preparation and execution of city sanitation action plans.

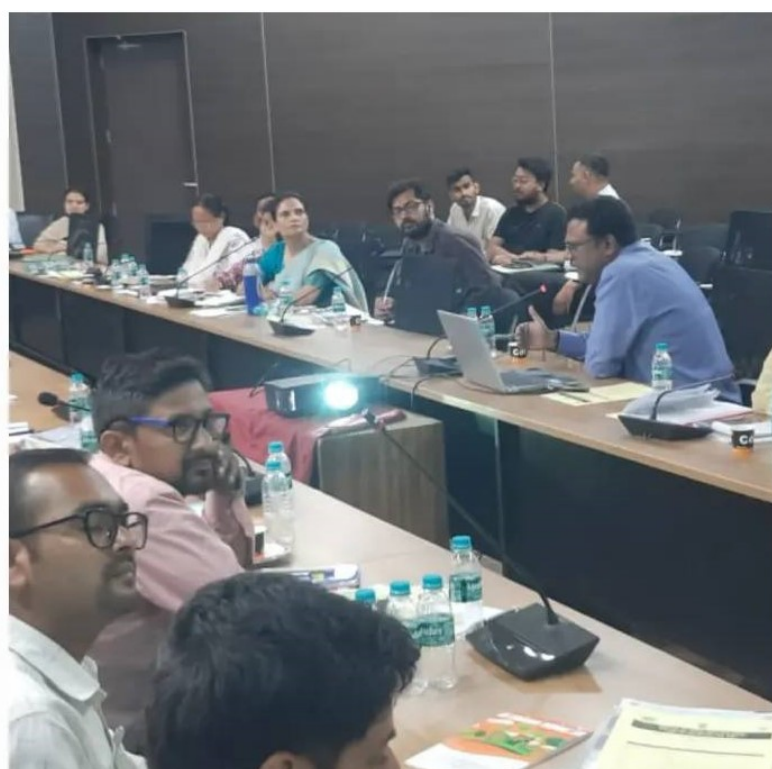
PARTICIPANTS

Overall, the program saw the participation of 32 individuals from Urban Local Bodies (ULBs) of Uttarakhand. The participants included District Magistrate, Municipal Commissioner, Dy. Municipal Commissioner, Asst. Municipal Commissioner,

Executive Officer, UNA, TS, Clerk, Account Clerk, Environment Supervisor, Sanitary Inspector, Environment Engineer, Executive Engineer, Consultant & PMU-SMU

COORDINATOR:

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



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 5, 3 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

List of Trainings		
Date	No of Participants	Coordinator
10-11 June, 2024	21	Mr. Himanshu Chandra
13-14 June, 2024	16	Mr. Himanshu Chandra
20-21 June, 2024	31	Dr. Alka Singh
24-25 June, 2024	19	Dr. Nasruddin
27-28 June, 2024	22	Dr. Nasruddin

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 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:

AMRUT 2.0 Guidelines and Reforms:

- 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 109 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 two, 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.

List of Trainings		
Date	No of Participants	Coordinators
19-21 June, 2024	30	Mr. Ajit Mishra, Assistant Director
24-26 June, 2024	22	Dr. Anjali Mishra, Joint Director

OBJECTIVES OF THE TRAINING PROGRAMME

The Orientation Training Programme had the 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



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

List of Online Trainings	
Date	No of Participants
10-11 June, 2024	31
12-13 June, 2024	32
14-15 June, 2024	23

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

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 86 participants actively engaged in the training programme.

COORDINATION:

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

ONLINE TRAINING ON ACHIEVING SDG GOAL-6 CLEAN WATER & SANITATION IN CITIES

BACKGROUND

In the pursuit of sustainable development, the United Nations has established a set of Sustainable Development Goals (SDGs) to address various global challenges by 2030. Among these goals, Goal 6 focuses on ensuring access to clean water and sanitation for all. In the context of rapidly urbanizing cities, achieving this goal becomes particularly critical due to the increasing strain on water resources and sanitation infrastructure. Recognizing the importance of addressing water and sanitation challenges in urban areas, the Regional Centre for Urban and Environmental Studies (RCUES) Lucknow has undertaken the initiative to conduct three, online training sessions. These sessions aim to equip stakeholders with the necessary knowledge and skills to contribute towards achieving SDG Goal 6 within urban settings.

OBJECTIVES OF THE TRAINING PROGRAMME

- To raise awareness about the importance of clean water and sanitation in urban settings.
- To educate stakeholders about the challenges

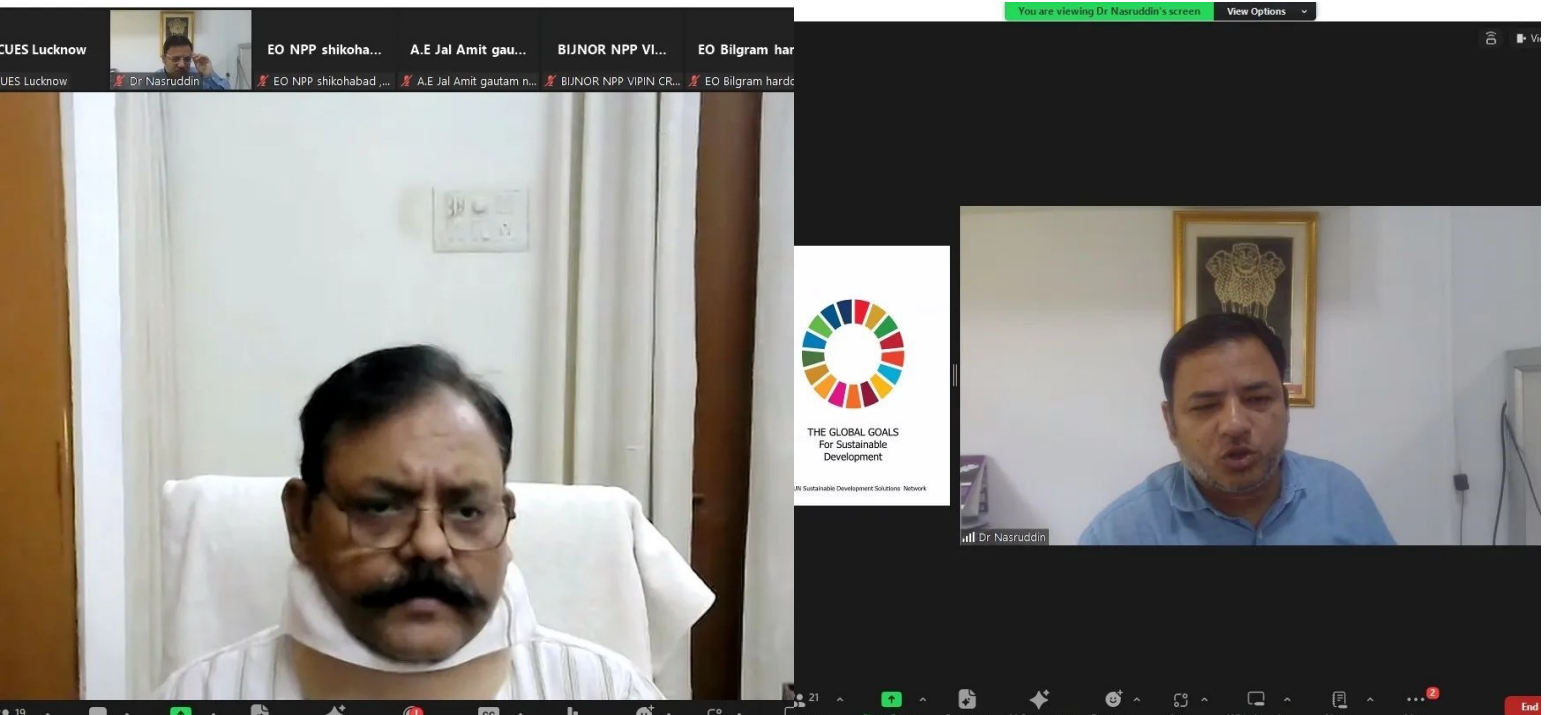
List of Online Trainings	
Date	No of Participants
12 June, 2024	22
13 June, 2024	28
14 June, 2024	112


hindering SDG 6 achievement in cities.

- To equip participants with knowledge and tools to implement sustainable water and sanitation solutions.
- To encourage collaboration and partnerships among stakeholders for effective implementation.

TRAINING PROGRAMME HIGHLIGHTS

The training program on Integrated Water Management highlights the interconnectedness of urban challenges and the need for innovative solutions guided by effective governance and policy frameworks. By addressing the complexities of water management in urban areas, the program aims to equip participants with the knowledge and tools necessary to tackle the multifaceted issues surrounding water resources. Through an exploration of innovative solutions and best practices, participants gain insights into how integrated approaches can





address urban water challenges sustainably. Additionally, the emphasis on governance and policy underscores the importance of establishing robust frameworks to support coordinated efforts in water management and ensure the long-term resilience of urban water systems.

PARTICIPANTS

The training program was organized for for various stakeholders involved in urban development, including Chief Engineers, Executive Engineers, Assistant Engineers, Chief Sanitary Officers, Sanitary Inspectors, City Managers, Urban Planners, city-level Infrastructure specialists, Municipal Commissioners, and Additional Municipal Commissioners. Overall 162 participants attended the trainings.

COORDINATOR

The programme was coordinated by Dr Nasruddin, Assistant Director, RCUES, Lucknow.

OTHER ACTIVITIES

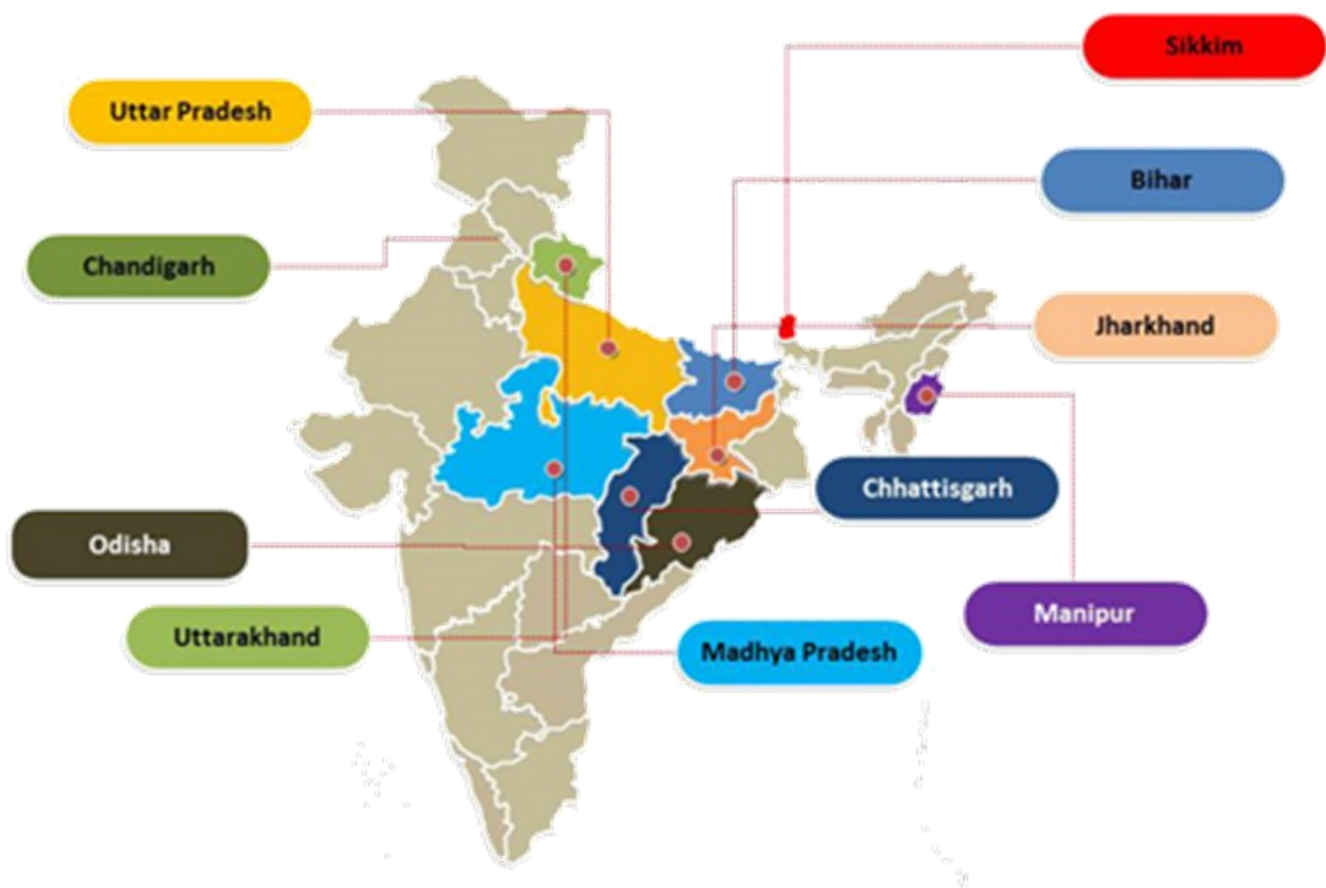


On the occasion of Environment Day, a tree planting program was organized at RCUES Lucknow, where Director Dr. Nishith Rai, Additional Director Er. A.K. Gupta, and other officials participated in planting trees.



RCUES Lucknow and Gram Panchayat Budhat Gorakhpur have just inked a memorandum of understanding (MoU) for building a state-of-the-art SLWRM Training Center in GP Budhat Gorakhpur as part of SBM(G) Phase -2.

OUR REACH



Upcoming Campus of RCUES at Indira Nagar, Lucknow



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