



St. Xavier's Sr. Sec. Co-Ed School

Jal Shakti Abhiyan: India's Water Conservation Mission

Securing Water for All



Introduction



Jal Shakti Abhiyan Overview

Launched by the Government of India in 2019, Jal Shakti Abhiyan is a time-bound, mission-mode campaign for water conservation and water security. The initiative focuses on water-stressed districts across India, addressing the critical need for sustainable water management.

A collaborative effort bringing together government bodies, communities, and stakeholders to secure India's water future through focused interventions.





Background and Need



India's Water Crisis

India faces a severe water crisis with rapidly declining groundwater levels across the nation. Irregular rainfall patterns due to climate change compound the problem. A growing population intensifies water demand, making sustainable water management an urgent national priority.





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Vision and Mission



Vision: Water security for all Indians through sustainable management and conservation of water resources across the nation.



Mission: Accelerate water conservation efforts, ensure adequate water availability, and promote active community participation in water management.





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Key Objectives



Water Conservation

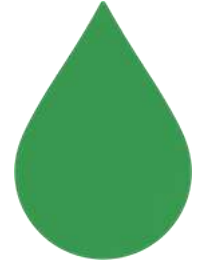
Rainwater harvesting systems and storage infrastructure to capture monsoon rainfall and reduce water wastage across communities.



Watershed Development

Ridge to valley treatment, soil conservation, and drainage management to enhance water retention and recharge groundwater.





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Target Areas

Jal Shakti Abhiyan focuses on water-stressed districts across India, prioritizing blocks with critically depleting groundwater levels. The campaign targets areas with over-exploited aquifers where extraction exceeds natural recharge rates.

Drought-prone regions receive special attention, along with critical and semi-critical zones identified through groundwater assessment. These targeted interventions aim to reverse water stress in India's most vulnerable areas.





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Five Key Interventions

Conservation & Harvesting

1. Water conservation and rainwater harvesting
2. Renovation of traditional and other water bodies
3. Reuse and recharge structures

Development & Growth

1. Watershed development for soil and moisture conservation
2. Intensive afforestation to enhance water retention





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Implementation Strategy

Block and district level planning ensures localized interventions. Jan Bhagidari promotes people's participation at grassroots level.



Multi-Stakeholder Approach

Panchayati Raj Institutions play a central role in implementation. State government coordination ensures policy alignment and resource mobilization.





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Rainwater Harvesting



Harvesting Systems

Rooftop rainwater harvesting systems capture rain from building roofs. Farm ponds and check dams store water for agricultural use.



Ground Recharge Methods

Percolation tanks allow water to seep into aquifers. Contour bunding prevents runoff. Community participation ensures successful implementation.





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Traditional Water Bodies Revival

Restoring India's Water Heritage

- Restoration of ponds and lakes across water-stressed districts
- Desilting of tanks to increase water storage capacity
- Repair of traditional water harvesting structures
- Revival of historic step wells and bavdis
- Community ownership and maintenance programs





Recharge and Reuse Structures



Recharge pits and shafts capture rainwater and direct it underground. Recharge wells replenish depleted aquifers. Wastewater treatment enables safe reuse for irrigation.



Greywater management systems recycle household water for gardens. Artificial recharge techniques restore groundwater levels in water-stressed regions.





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Watershed Development



Ridge to Valley Approach

- Ridge to valley treatment for comprehensive coverage
- Soil and moisture conservation techniques
- Drainage line treatment and management
- Pasture development for livestock sustainability
- Livelihood enhancement for rural communities





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Afforestation Component

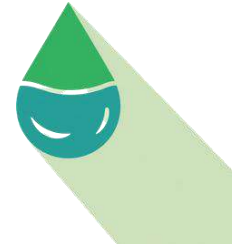
- Block plantation on degraded lands
- Fruit bearing trees promotion
- Agroforestry initiatives
- Protection of existing forests



Green Initiatives

- Community forest management programs
- Nursery development at local level
- Sustainable livelihood through forestry
- Carbon sequestration benefits





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Stakeholder Involvement



Central and State Government coordination ensures unified policy implementation. Local bodies and Panchayats drive grassroots water conservation efforts across villages.



Partnership for Water Security

NGOs and civil society organizations provide technical expertise and community mobilization. Educational institutions and corporate sector participation strengthen the movement.



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Monitoring and Evaluation

Real-time monitoring systems track water conservation activities across districts. A dedicated mobile app enables field officers to report progress instantly. Regular review meetings at block, district, and state levels ensure accountability and timely interventions.

Performance indicators measure water storage capacity, groundwater levels, and community participation. Impact assessment studies evaluate long-term outcomes and guide future planning for sustainable water management.





Achievements & Impact

Transforming India's Water Landscape

- Thousands of water bodies rejuvenated across water-stressed districts
- Significant increase in water storage capacity nationwide
- Improved groundwater levels in critical and semi-critical areas
- Enhanced agricultural productivity through better water availability
- Widespread community awareness and active participation in conservation



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Challenges and Way Forward

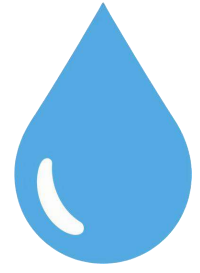
Current Challenges

Sustaining community participation over time remains difficult. Adequate funding requirements must be met consistently. Technical capacity building at grassroots level is essential.

Future Focus

Climate change adaptation strategies need integration. Long-term maintenance mechanisms must be established. Building institutional frameworks for sustained impact.





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Conclusion & Call to Action

Jal Shakti Abhiyan is more than a campaign—it is a people's movement critical for India's water security. Securing water for future generations is our collective responsibility. Through sustainable water management, community participation, and conscious conservation efforts, we can ensure water availability for all. Join the movement today: Conserve water, secure the future.



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Initiatives To Be Taken By Students

Students can help save water by using it carefully every day. Simple steps like turning off taps tightly, fixing small leaks, and taking shorter baths make a big difference. By joining clean-up drives, creating awareness in school, and supporting rainwater collection, students can become strong protectors of our water resources.





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Thank

"Every Drop Counts"

Water is not just a resource—it is life itself. Small, mindful actions taken by each of us today can create a sustainable tomorrow. Let's conserve, protect, and respect Water for ourselves and future generations.



CBSE Guidelines & Resources

Government Initiative: Jal Shakti Abhiyan- Catch the Rain

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