



**AMITY UNIVERSITY**  
UTTAR PRADESH

## **Ghat Cleaning at Kalindi Kunj Ghat New Delhi**

Water security is a critical aspect of sustainable development, and its effective management requires collaboration between academic institutions, government bodies, and key stakeholders. Recognizing the significance of this collaboration, Amity University proposes to partner with the **Ministry of Jal Shakti, Namami Ganga, and the Central Water Commission and IIT Roorkee** to address water security challenges and contribute to the broader national objective of water conservation and management.

### **Objectives:**

#### **Research and Innovation:**

Conduct research studies and innovation projects aimed at developing sustainable solutions for water management, quality improvement, and conservation.

#### **Capacity Building:**

Facilitate capacity-building programs, training workshops, and knowledge-sharing sessions for stakeholders involved in water resource management.

#### **Policy Advocacy:**

Engage in collaborative efforts to influence and contribute to national water policies, frameworks, and regulations, ensuring they align with sustainable water management practices.

#### **Public Awareness and Education:**

Implement public awareness campaigns and educational initiatives to sensitize communities on the importance of water conservation, sanitation, and sustainable water use.

### **Technological Integration:**

Explore and implement cutting-edge technologies for water monitoring, purification, and distribution to enhance efficiency and reduce water wastage.

### **River Rejuvenation:**

Collaborate on projects focused on the rejuvenation and revitalization of the Ganga River basin, aligning with the goals of the Namami Ganga initiative.

### **Data Collection and Analysis:**

Work together on comprehensive data collection and analysis projects to better understand water usage patterns, quality parameters, and environmental impacts.

### **Community Engagement:**

Foster community engagement through outreach programs, encouraging local communities to actively participate in sustainable water management practices.

### **Implementation Plan:**

#### **Establishment of Joint Task Forces:**

Form joint task forces comprising representatives from Amity University, Ministry of Jal Shakti, Namami Ganga, and the Central Water Commission to coordinate and oversee collaborative projects.

#### **Research Centers and Laboratories:**

Develop dedicated research centers and laboratories at Amity University focused on water-related research and innovation, providing a platform for joint projects and experiments.

**Regular Conferences and Workshops:**

Organize regular conferences, seminars, and workshops to facilitate knowledge exchange, discuss research findings, and address emerging challenges in the field of water security.

**Student Involvement:**

Integrate student involvement through internships, research projects, and academic programs that align with the collaborative initiatives.

**Pilot Projects:**

Initiate pilot projects in select regions to test and implement innovative solutions, leveraging the expertise of academic and government collaborators.

**Expected Outcomes:****Innovative Solutions:**

Development and implementation of innovative solutions for sustainable water management, purification, and distribution.

**Policy Influence:**

Active participation in the formulation of water-related policies at the national level, contributing to more effective and sustainable governance.

**Community Empowerment:**

Empowerment of local communities through increased awareness and education, leading to active participation in water conservation efforts.

**Improved Water Quality:**

Implementation of measures contributing to improved water quality, particularly in the Ganga River basin.

**Capacity Building:**

Enhanced capacity and expertise among stakeholders, including government officials, researchers, and local communities, in the field of water resource management.

### **Conclusion:**

The collaboration between Amity University, **the Ministry of Jal Shakti, Namami Ganga, IIT Roorkee and the Central Water Commission** represents a synergistic approach to address the multifaceted challenges of water security in India. This partnership aims to leverage the strengths of each entity to create sustainable, scalable, and impactful solutions that contribute to the nation's water security goals. The proposed collaboration is not only aligned with national priorities but also embodies the spirit of academia, government, and industry working together for the greater good.