



हरकोर्ट बटलर प्राविधिक विश्वविद्यालय

नवाबगंज, कानपुर - 208002, उ.प्र., भारत

HARCOURT BUTLER TECHNICAL UNIVERSITY

NAWABGANJ, KANPUR - 208002, U.P., INDIA

(Formerly Harcourt Butler Technological Institute, Kanpur)

Phone : +91-0512-2534001-5, 2533812, website : <http://www.hbtu.ac.in>, Email : vc@hbtu.ac.in

100+
YEARS
1921 - 2021



SDG 6: Clean Water and Sanitation

(Ensuring Availability & Sustainable Management of Water And Sanitation For All)

1. Preamble

HBTU Kanpur is dedicated to responsible water management and sustainable sanitation practices. Our campus incorporates innovative solutions to optimize water use, conserve natural resources, and ensure efficient waste management, all while fostering a culture of environmental responsibility among students and staff.

2. Ongoing Initiatives

- Implementation of rainwater harvesting systems in campus buildings to collect and store rainwater
- Sewage Treatment Plant to efficiently treat wastewater
- Deployment of IoT-based smart water metering systems for automated monitoring and efficient management of water distribution

3. Institutional Policies and Guidelines

- Adoption of a Sustainability Policy aimed at reducing water consumption, improving efficiency, and preserving natural water bodies
- Optimization of water usage through AI-enabled smart water monitoring systems
- Implementation of rooftop rainwater harvesting systems in all campus buildings to enhance water conservation

4. The Way Forward

- Expansion of storm water management initiatives and restoration of additional campus water bodies
- Achieving a water-positive campus through enhanced conservation efforts and innovative water recycling methods
- Maximizing the use of treated wastewater for non-potable purposes, further reducing freshwater consumption