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School: Jahangirnagar University,

## • DAILY TASK

### The Environmental Topics Passion about:

- ✚ **Climate Change Advocacy:** I am passionate about addressing climate change, advocating for sustainable practices, and reducing our carbon footprint.
- ✚ **Plastic Pollution Reduction:** I am passionate about reducing plastic waste, I involve myself in organization which works for plastic-free initiatives, or support policies against single-use plastics.
- ✚ **Biodiversity Conservation:** I love nature and wildlife, participating in conservation projects, volunteering at local parks, or supporting organizations focused on biodiversity could align with your passion.

### My Skills:

1. **Research and Analysis:** I am practicing research and data analysis; you might contribute to environmental research projects as I am a student in environmental sciences.
2. **Communication and Advocacy:** Active member in various organizations which work for the environment and climate.
3. **Technical Skills (e.g., GIS,):** I have technical skills, such as Geographic Information Systems (GIS) or environmental modeling, Also in Video editing and graphic designing.

### Love Doing:

1. **Outdoor Activities:** I love being outdoors, consider activities like hiking, camping, or organizing eco-friendly outdoor events that promote appreciation for nature.
2. **Artistic Expression:** I love expressing myself artistically, sometimes I create videos that raise awareness and sometimes get funny.
3. **Community Engagement:** I enjoy interacting with people, consider organizing community events, workshops, or educational programs that focus on environmental sustainability.

### What is the environmental focus you have selected? –

I have selected two Factors.

1. Waste management
2. Conservation of Biodiversity

### Why does your school need to improve in this area?

Our Campus is big and has a reached Biodiversity. Jahangirnagar University, situated in the heart of nature, captivates with its scenic beauty. The sprawling campus is adorned with vibrant gardens, shimmering lakes, and ancient trees. Majestic academic buildings blend seamlessly with

the natural landscape, creating a harmonious haven for learning. The tranquility and lush greenery make it a breathtaking and inspiring environment for students and visitors alike. Though we have waste management system but currently this need to upgrade because of increasing number of students and visitors in the campus.

1. **Environmental Impact:** Inefficient waste management can lead to environmental degradation, soil and water contamination, and harm to local ecosystems.
2. **Health and Hygiene:** Poor waste management poses health risks to the campus community. It can attract pests and disease vectors, affecting the well-being of students and staff.
3. **Aesthetic Appeal:** A clean and well-managed campus enhances its aesthetic appeal. Improved waste management contributes to a visually pleasing environment that positively influences the overall experience of students and visitors.
4. **Sustainability Goals:** Addressing waste management aligns with global sustainability goals. The university's commitment to responsible waste practices contributes to broader environmental and social initiatives.
5. **Preservation of Ecosystem Health:** Biodiversity is crucial for maintaining the health and resilience of ecosystems. Conservation efforts help sustain the interconnected web of life on and around the campus.
6. **Protection of Native Species:** By actively conserving biodiversity, the university contributes to the protection of native plant and animal species, preventing the loss of valuable components of local ecosystems.
7. **Aesthetic and Recreational Value:** Biodiversity enhances the natural beauty of the campus, providing aesthetic appeal. The presence of diverse flora and fauna also contributes to recreational and leisure activities for the campus community.

### Who would you need to work with or call on to make a change?

Effecting change, especially in waste management and biodiversity conservation at a university, involves collaboration and engagement with various stakeholders. Here are key entities you might need to work with:

#### **University Administration:**

Collaborate with university administrators to gain support and allocate resources for waste management and conservation initiatives.

#### **Facilities Management Department:**

Work closely with the facilities management team to integrate waste management practices into daily operations. Collaborate on infrastructure improvements for waste disposal and recycling facilities.

### Student Organizations and Activists:

Partner with existing environmental student organizations to mobilize support and engagement. Encourage student activism and participation in waste reduction and conservation activities.

### What are three or four specific recommendations for how this might improve?

Here is my proposal for improving the situation to the administration and student organizations,

#### Establish a Comprehensive Waste Management Program:

- Develop and implement a campus-wide waste management program that includes clear guidelines for waste separation, recycling, and proper disposal.
- Install recycling bins in strategic locations across the campus and provide educational materials to inform the community about the importance of waste reduction and recycling.

#### Create a Biodiversity Action Plan:

- Formulate a Biodiversity Action Plan outlining specific goals and strategies for the conservation of flora and fauna on campus.
- Conduct a biodiversity assessment to identify key species and areas requiring protection.
- Establish designated green zones, implement habitat restoration projects, and ensure the sustainable management of natural spaces.

#### Engage Students through Environmental Education:

- Integrate environmental education into the curriculum, fostering a culture of sustainability among students.
- Organize workshops, seminars, and awareness campaigns to educate the campus community about the importance of biodiversity, waste reduction, and sustainable living.
- Encourage student involvement in practical initiatives such as tree planting, clean-up events, and biodiversity monitoring.

### Can you find examples of schools, campuses, or localities that do this well?

Yes! The Student organization **NCI nature conservation initiative** works on it

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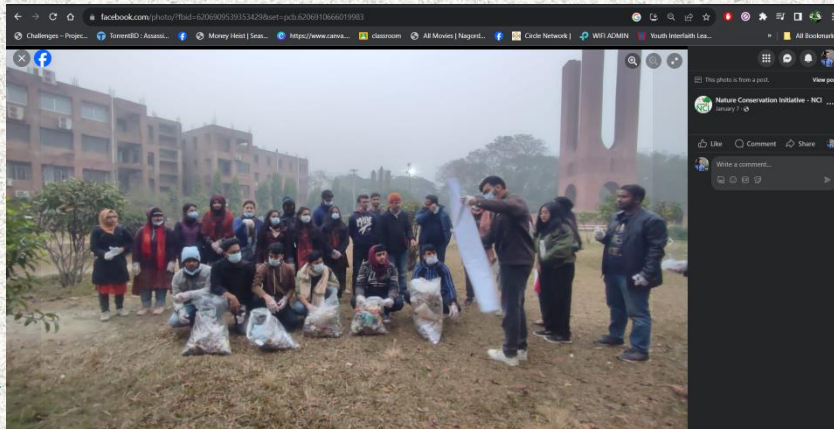




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## How can you use your skill set to create this change?

Here are some examples or planning that how I can use my skill to set create this change.

### **Educational Content Creation Though video editing skill:**

**Role:** Generate informative and engaging content on waste management practices, biodiversity conservation, and sustainability initiatives.

**Contribution:** Provide educational materials that can be used in awareness campaigns, workshops, or integrated into the curriculum.

### **Strategic Planning Assistance via GIS:**

**Role:** Offer guidance in developing strategic plans for waste management and biodiversity conservation initiatives.

**Contribution:** Assist in outlining goals, key performance indicators, and timelines, ensuring a well-structured and achievable roadmap for implementation.

### **Communication and Advocacy (voluntary work):**

**Role:** Generate content for communication channels to engage and inform the campus community.

**Contribution:** Help craft messages for campaigns, announcements, and social media to effectively communicate the importance of waste reduction and biodiversity conservation.

**Write up a proposal for your school around this issue that states the problem, plan of action, rationale, and solutions.**

Subject: Proposal for Sustainable Waste Management and Biodiversity Conservation at Jahangirnagar university

**Problem Statement:** Jahangirnagar University, renowned for its natural beauty, is currently facing challenges in sustainable waste management and biodiversity conservation. Inefficient waste practices and insufficient conservation efforts pose environmental risks, jeopardizing the pristine surroundings and ecological balance. To address this, we propose a comprehensive plan to enhance waste management practices and strengthen biodiversity conservation initiatives on campus.

**Plan of Action:**

1. **Waste Management:**

- **Comprehensive Segregation System:** Introduce a campus-wide waste segregation system with separate bins for recyclables, non-recyclables, and organic waste.
- **Educational Campaigns:** Launch campaigns to educate the campus community on the importance of waste segregation and responsible disposal practices.
- **Infrastructure Improvement:** Collaborate with the facilities management department to upgrade waste disposal infrastructure, ensuring efficiency in collection and recycling processes.

2. **Biodiversity Conservation:**

- **Monitoring Programs:** Establish biodiversity monitoring programs to assess the current state of flora and fauna on campus. Utilize data to identify key species and areas requiring protection.
- **Protection Plans:** Develop protection plans for vulnerable species and areas. Implement measures to mitigate potential threats and enhance the overall ecological resilience of the campus.
- **Educational Initiatives:** Collaborate with academic departments to integrate biodiversity conservation topics into the curriculum. Organize workshops, seminars, and nature walks to raise awareness and appreciation for campus biodiversity.

**Rationale:**

1. **Environmental Impact:** Improving waste management reduces the ecological footprint, mitigating pollution and contributing to a healthier environment.
2. **Health and Hygiene:** Proper waste management safeguards the health of the campus community, preventing the spread of diseases and creating a clean and hygienic environment.

3. **Educational Leadership:** Jahangirnagar University has the opportunity to set an example for responsible environmental practices, aligning with its role as a leader in academic and environmental stewardship.
4. **Long-Term Sustainability:** Implementing effective waste management and biodiversity conservation practices ensures the long-term viability of the campus, preserving its natural beauty for future generations.

**Solutions:**

1. **Infrastructure Investment:** Allocate resources for waste management infrastructure upgrades, including bins, recycling facilities, and signage.
2. **Community Engagement:** Establish regular forums for community engagement, involving students, faculty, staff, and local residents in decision-making processes.
3. **Collaborations:** Forge partnerships with local environmental NGOs, businesses, governmental agencies, and research institutions to leverage external expertise, resources, and support.
4. **Continuous Monitoring:** Set up systems for continuous monitoring of waste management practices and biodiversity conservation efforts, with regular reporting.

**Budget:**

Allocate resources for waste disposal infrastructure improvement, educational materials, biodiversity monitoring tools, and community engagement events. Seek external funding through partnerships and grants.

**Timeline:**

Implement waste management initiatives within the first semester, biodiversity conservation plans within the second semester, and ongoing educational and awareness campaigns throughout the academic year.

**Measurement and Evaluation:**

Establish metrics for waste reduction, recycling rates, biodiversity monitoring results, and community engagement participation. Regularly evaluate progress against these metrics for continuous improvement.

By implementing this comprehensive plan of action, Jahangirnagar University will not only address current environmental challenges but also emerge as a leader in sustainability, setting an example for educational institutions nationwide.



# • SOCIAL MEDIA POST

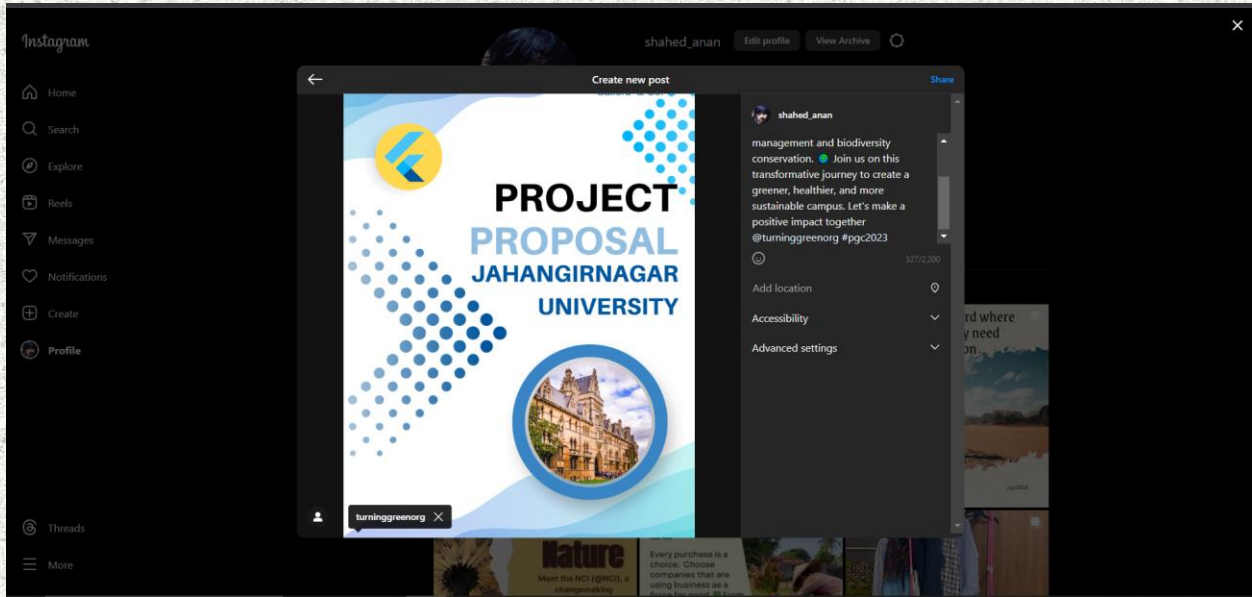


Figure 1 link:[https://www.instagram.com/shahed\\_anan/](https://www.instagram.com/shahed_anan/)