

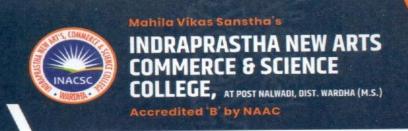
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INDRAPRASTHA NEW ARTS, COMMERCE AND SCIENC COLLEGE WARDHA DIST 442001(M.S)

(Affiliated to RTM Nagpur University) www.nacscwardha.org

7.1.2_b

The Institution has facilities and initiatives for
Alternate sources of energy and energy conservation measures
Management of the various types of degradable and nondegradable waste
Water conservation
Green campus initiatives
Disabled-friendly, barrier free environment



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under section 2 (f) & 12 (b) of

UGC act 1956

Date:19/04/2024

DECLARATION

This is to declare that the information, reports, true copies and numerical data etc. furnished in this file as supporting documents is verified by IQAC and found correct. Hence this certificate.

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GREEN CAMPUS/PLASTIC-FREE CAMPUS POLICY

Introduction

This policy document establishes the commitment of Indraprastha New Arts Commerce and Science College Nalwadi, Wardha to fostering a sustainable environment by implementing a Green Campus/Plastic-Free initiative. The initiative is aimed at minimizing the environmental impact of campus operations and promoting sustainability among students, faculty, staff, and the community.

Objective

The primary objective of this policy is to transition Indraprastha New Arts Commerce and Science College Nalwadi, Wardha towards a more sustainable and environmentally friendly campus by:

- Reducing and eventually eliminating the use of single-use plastics on campus.
- Enhancing environmental awareness and education within the college community.
- Implementing sustainable practices in all aspects of campus operations.

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Scope

This policy applies to all individuals on campus, including students, faculty, staff, contractors, and visitors.

Policy Details

▽Plastic Reduction Strategies

- Ban on Single-Use Plastics: The sale and use of single-use plastic items
 (e.g., water bottles, straws, cutlery, and bags) are prohibited on campus
 premises. Alternatives made from biodegradable materials will be
 provided.
- **Sustainable Procurement:** All procurement processes will prioritize products and services that adhere to environmental sustainability standards, including packaging requirements that minimize plastic use.

♡ Waste Management

- Recycling Programs: Implement comprehensive recycling programs to manage waste effectively. This includes designated recycling bins for plastic, paper, metal, and glass.
- **Composting:** Facilitate organic waste composting programs for food waste generated from campus cafeterias and events.

☞Energy and Water Conservation

• **Energy Efficiency:** Promote the use of energy-efficient appliances and lighting. Encourage initiatives such as the use of solar panels.

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 Water Conservation: Implement measures to reduce water wastage, including the installation of low-flow fixtures and the maintenance of landscaping that requires minimal water use.

▽Education and Awareness

- Workshops and Seminars: Regular workshops, seminars, and campaigns will be held to educate the campus community about sustainability practices and the importance of reducing plastic use.
- **Integration into Curriculum:** Environmental sustainability topics will be integrated into relevant courses to educate students about the impact and management of plastic waste.

☞Monitoring and Compliance

- **Sustainability Committee:** Establish a Sustainability Committee responsible for implementing, monitoring, and reviewing the policy's effectiveness. This committee will consist of members from the administration, faculty, and student body.
- Regular Audits: Conduct annual audits to assess compliance with the policy and its impact on reducing plastic usage on campus.
- **Feedback and Improvement:** Encourage feedback from the college community to continually improve sustainability initiatives.

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♡ Conclusion

Through the implementation of this Green Campus/Plastic-Free Campus policy, Indraprastha New Arts Commerce and Science College, Nalwadi Wardha aims to demonstrate leadership in environmental stewardship and foster a sustainable future, aligning with global environmental standards and commitments.





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1. Alternate sources of energy and energy conservation measures

a. Installation Of Solar Panels:





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b. Use Of LED bulbs / Power Efficient Equipments





2. Management of the various types of degradable and non degradable waste

Solid Waste Management

Reduce, Recycle and Reuse: The garden waste, garbage, paper, e-waste and laboratory waste are **segregated** as per the Nalwadi Grampanchayat Guidelines.

Waste generation from tree droppings and lawn management is a major solid waste generated in the campus. The waste is segregated at source by providing separate dustbins for Bio-degradable and Non biodegradable waste.

Liquid Waste Management

The liquid waste from the College is connected to Municipal sewage system.

Metal, wood, glass and plastic **scrap** collected from laboratories, library, office and college

campus is given to scrap dealer for recycling.

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Three Sanitary Pad Incinerators have been installed in Girls Washroom.

E-waste Management

College works towards generating **minimal e-waste by reusing** it. **Regular maintenance** of electronic equipment and computers ensures longer life. **E-waste bin** is provided for the collection of the e-waste generated in college campus, which is given to the authorized agency for recycling and disposal.

Hazardous Waste Management

Microbial cultures and culture media are autoclaved at 121°C to **kill microbial cultures before disposal**.

The pipettes and other glassware are collected in a separate trough containing disinfectant before they are autoclaved.





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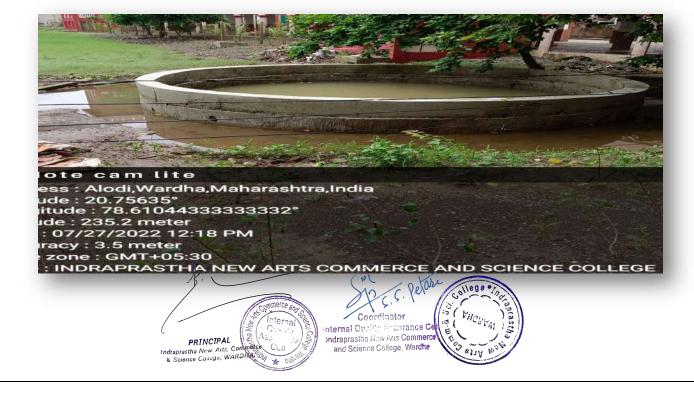
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3. Water conservation

Water conservation facilities available in the Institution: Rain water harvesting bore well /Open well recharge Construction of tanks and bunds Waste water recycling Maintenance of water bodies and distribution system in the campus



Bore Well



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Rain Water Harvesting

- 4. The institutional initiatives for greening the campus are as follows:
- 1. Restricted entry of automobiles
- 2. Use of bicycles/ Battery-powered vehicles
- 3. Pedestrian-friendly pathways
- 4. Ban on use of plastic
- 5. Landscaping









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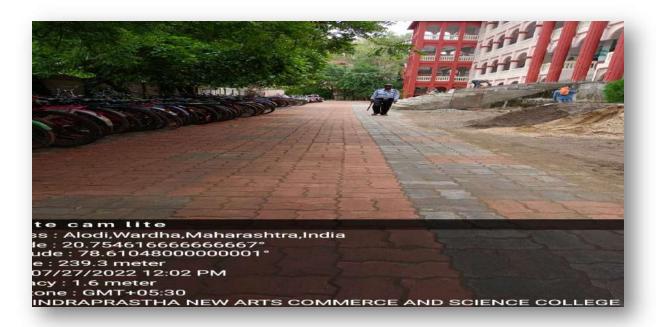
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Use of Bicycles





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Pedestrian Friendly pathways







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Landscaping with trees and plants



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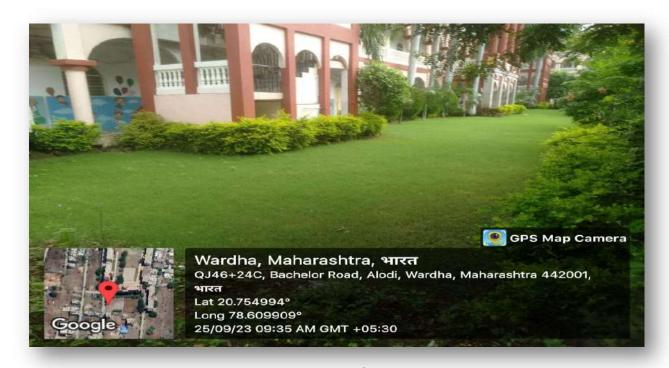
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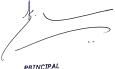
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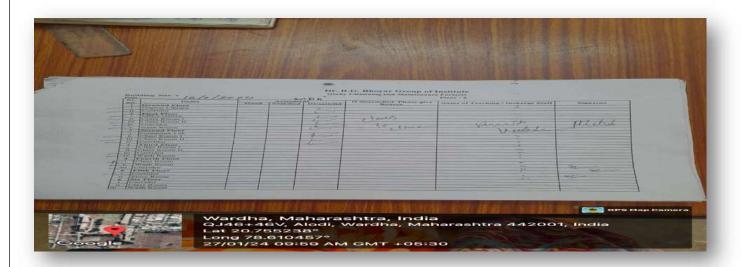
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5. Institution has Divyangjan-friendly, barrier free environment





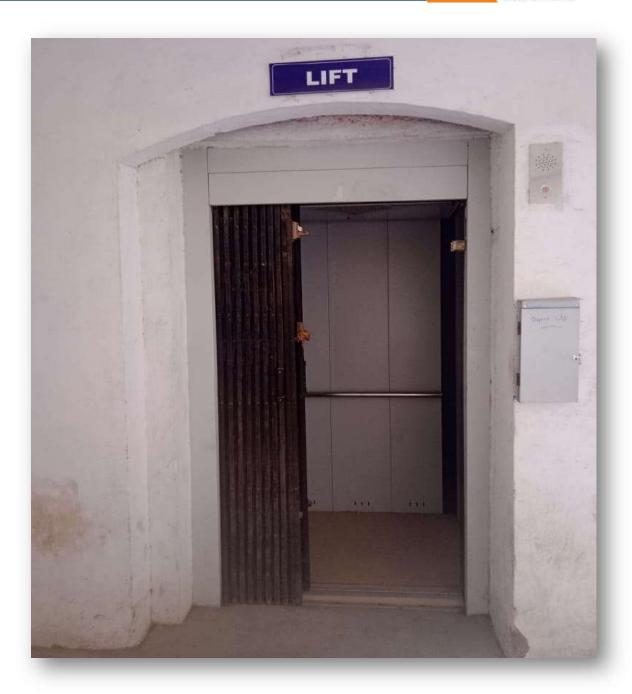


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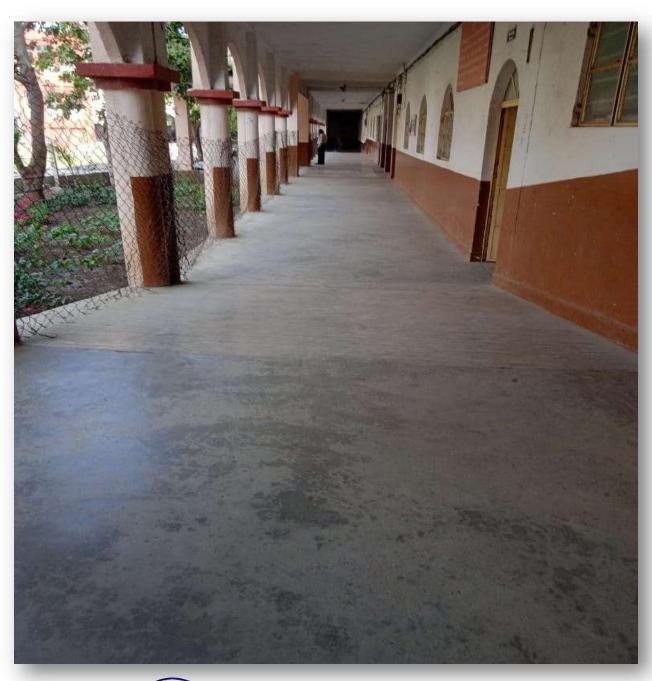






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a. Assistive technology and facilities for persons with disabilities (Divyangjan) accessible website, screen-reading software, mechanized equipment







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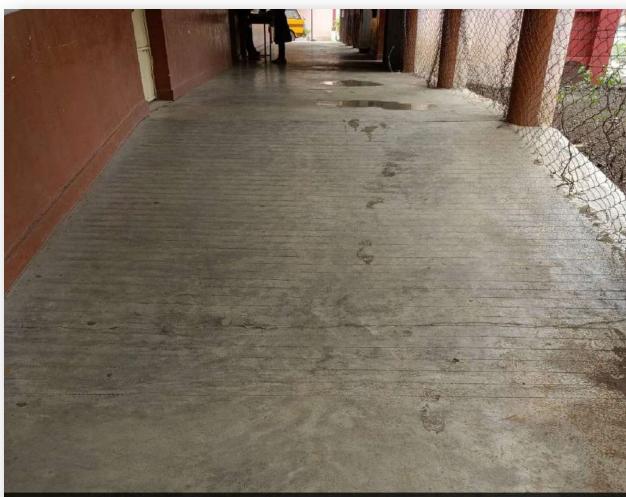
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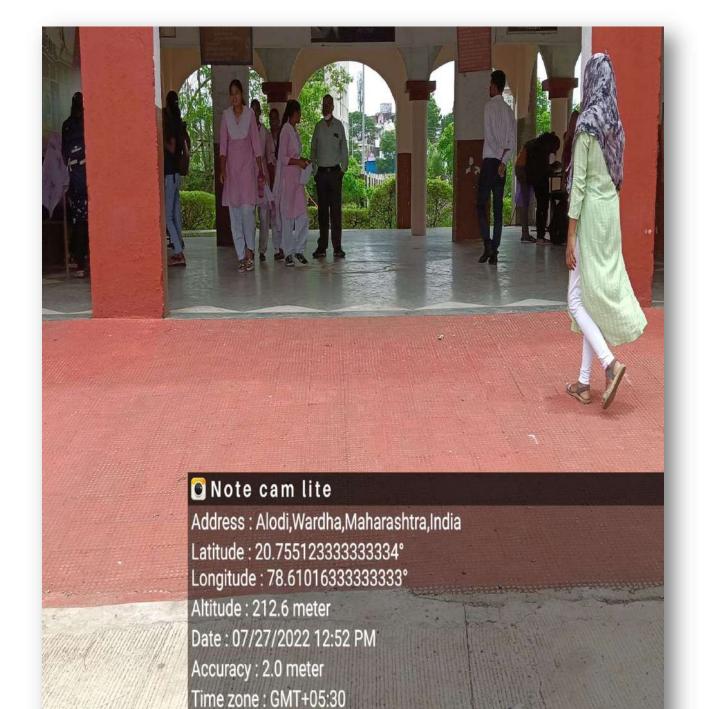
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b. Built environment with ramps/lifts for easy access to classrooms



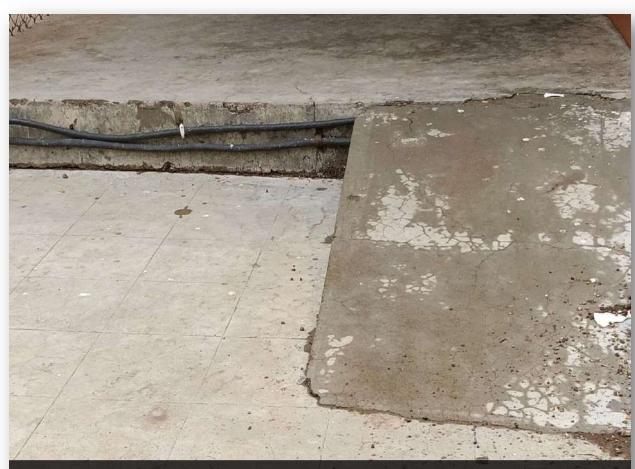
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Certificate



This is to certify that New Arts Commerce and Science College, Wardha is now a Recognized Social Entrepreneurship, Swachhta & Rural Engagement Cell (SES REC) Institution. The Institution has successfully framed the SES REC Action Plan and constituted ten working groups for improving facilities in the Campus and the Community/Adopted Villages in the areas of Sanitation & Hygiene, Waste Management, Water Management, Energy Conservation and Greenery post COVID-19, along with the observation of three environment, entrepreneurship and community engagement related days to inculcate in faculty, students and community, the practices of Mentoring, Social Responsibility, Swachhta and Care for Environment and Resources.

Date of Issue: 29 Aug. 2020

Dr. W G Prasanna Kumar Chairman

Mahatma Gandhi National Council of Rural Education Department of Higher Education, Ministry of Education Government of India

Certificate No.: MoE/SES REC/MH/GP2/29





