



UTTAR BHARATIYA SANGH'S
MAHENDRA PRATAP SHARADA PRASAD SINGH
COLLEGE OF COMMERCE & SCIENCE
(Affiliated to University of Mumbai)
(COLLEGE CODE - 729)

**7.1.2 A New
Policy of Green Campus**



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POLICY ON GREEN CAMPUS

2022-23

Green Campus Shark Tank

- Principal- Dr. Nitin Agarwal
- IQAC Co-Ordinator-Ms Rashmi Singh
- Admin In charge – Mr. Sachin Hede
- Member -Mr. B.D. Mishra
- Member – Ms Madhavi Neman
- Member -Mr Ashish Chauhan
- Club – Nature club of college
- NSS – NSS Officer, NSS Volunteers




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Policy document on the green campus

1) Trust governance: Introduction
(Green campus policy maker)

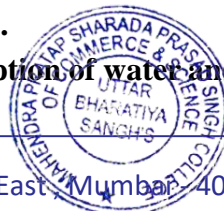
A. Trust governance

i. <u>Management of college</u>	<u>Uttar Bhartiya Sangh</u>
ii. <u>Minority institution</u>	<u>Hindi linguistic minority institution</u>
iii. <u>Establishment</u>	15th December 1949
iv. <u>Vision</u>	To emerge as institution of higher learning
v. <u>Mission</u>	<u>To provide and excellent infrastructure for healthy academic atmosphere</u>
vi. <u>Objective</u>	To office today divorce education that promote creativity

<u>President</u>	<u>Working president</u>	<u>General secretary</u>	<u>Treasurer</u>	<u>Trustee</u>
				
<u>Shri Santosh Singh</u>	<u>Shri Sharda Prasad Singh</u>	<u>Shri Devendra Tiwari</u>	<u>Shri Ajay Kumar Singh</u>	<u>Shri Sanjay Singh</u>

B) Trust government for green campus:

- A green campus policy aims to create an environmental friendly and sustainable campus for students
- spreading the idea of an environmentally friendly culture to the surrounding community.
- Protecting and conserving the campus ecological systems and resources
- Ensuring that environmental resources are used wisely to meet the needs of current and future generations.
- Minimising waste and consumption of water and energy.



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- Adopting an implementing environmentally friendly activities.
- Reducing the consumption of natural and non renewable resources through the use of digital technology and management.

C) Scope of green campus policy in view of management:

‘Earth provides enough to satisfy every month need but not every man's greed’. It is well said by Mahatma Gandhi. The policy related to green campus will develop new co- curricular and extra-curricular practices. It encourages students to take the lead and creating positive change. This steps are for a thorough review of all infrastructural, administration initiative from the purpose of cleanliness, hygiene and environmental sustainability.

2. HEI governance of green campus (Green policy executor)

A) HEI governance:

Sr. No.	HEI	Description
1	Name	Mahindra Pratap Sharda Prasad Singh College of Commerce in science
2	Affiliation	University of Mumbai
3	Establishment	?
4	Type of Institution	Co-education , self-finance, regular, multi-disciplinary
5	Vision / mission / objectives	As per the trust governance








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Principal	IQAC coordinator	Nature club	Admin staff	Senior staff
				
Dr. Nitin Agarwal	Ms. Rashmi Singh	Mr. Rehan Khan	Sachin Hede	Ms. Shweta Pathak

B) HEI governance for green campus

- A green campus policy aims to create an environmental friendly and sustainable campus for students
- Spreading the idea of an environmentally friendly culture to the surrounding community.
- Protecting and conserving the campus ecological systems and resources
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- Minimising waste and consumption of water and energy.
- Adopting an implementing environmentally friendly activities.
- Reducing the consumption of natural and non-renewable resources through the use of digital technology and management.

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3) **Alternate sources of energy:**

i. **Means of alternate sources of energy:**

Energy is capacity to do work. It may be traditional energy or non-traditional energy. The traditional energy on natural sources, such as coal petrol diesel electricity energy CNG LPG etc. non tradition energy is mostly renewable source of energy. It is also called as alternate source of energy.

1. **Solar energy:** It is abundant and accessible. It can be generated at HEI level. The meridian position of country helps in accessible condition for solar energy generation.
2. **Geothermal energy:** Heat trapped beneath the first crust. It is not easily accessible to HEI.
3. **Hydro power energy:** It is produced from water. It is the main source of electrical energy. It is a generate at HEI level is not feasible.
4. **Wind:** It is produced by circular movement of windmill by wind. The advance tulip turbine made possible to set in HEI to generate the energy by using tulip turbine by wind.
5. **Biogas:** It is produced from fermentation farm waste in biogas plant (s). It is clean and green renewable source of energy. HEI have scope for set tulip turbine at root top. It may help for production of manure bio fertilizers beside the biogas - renewable.
6. **Tidal power:** It is produced by current flowing at seawater due to high tide and low tide continuously. It is clean, green, renewable form of energy. However, it is hardly applied in HEI as it requires oceanic topography.
7. **Hydrogen energy:** It is future fuel. The H₂ use as source of energy is in primary step. H E I may take lead for research renovation for use of H₂ as the alternate source of energy.

Management trust, HEI officials along with students are convinced to use alternative sources of energy. The concern of every state holder is for the green campus at the college. It can be achieved by renewable, non-polluting, alternative, unconventional sources of energy.

4) **Energy conservation measures:**

i. **Save energy means generate energy:**



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Management – Governance- HEI administration and students' parents of this college strongly agrees that energy conservation means energy generation. Energy conservation needs to reduce energy consumption in a college premises.

ii. **Policy for energy conservation in college:**

- a. Use of renewable sources
- b. Energy audit
- c. Energy efficient equipment
- d. Attic insulation
- e. Turning of lights when not in use
- f. Unplugging appliances when not in use
- g. Walking institute of driving
- h. Energy efficient lighting design
- i. Understand an improve the efficiency of electrical systems
- j. Insulation on college roof
- k. Remote sensing electrical devices.

iii. **Initiative and follow up:** Policy was decided to go for implementation of energy conservation measures. There are so many ways means method to save energy. The mean always can be applied which is effective on that time or on that system. Governance of HEI should adopt every means to proceed for energy conservation. The same attempt can be implemented in society through awareness programs.

5) **Management of degradable waste:**

- A. To understand the degradable waste
- B. Understand the kind of degradable waste in college
- C. Action of management of degradable waste

A. **To understand the degradable waste:**

- Face that undergoes degradation is called degradable waste
- It is organic waste - biodegradable waste
- Degradation is mostly biological- chemical process.
- Its degradation is natural process.

B. **Degradable waste in College campus:**

- Paper
- Canteen waste
- Students tiffin waste
- Washroom waste



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- Employees tiffin waste etc.

C. Action of management of degradable waste:

- Separation or segregation of waste
 - Waste segregation is the process of sorting and separating waste into different categories based on their physical, biological and chemical properties.
 - Waste segregation helps which recycling and proper disposal. It can prevent hazardous waste from contaminating the environment.
 - Green containers used for collection of wet waste.
 - Blue containers are indicators for dry waste collection.
 - Red containers are for collection of sanitary waste.
 - Black (grey) containers are meant for collection and segregation of e-waste in college campus.
 - Composting: It is common and ever promising method to degradation of organic waste.
 - Vermicomposting which is advanced method of degradation of organic waste by using earthworms. It is better result oriented method.
- HEI is trying to understand and adopt the management of degree table waste by using these policies.

6. Management of non-degradable waste:

- A. Understand the non-degradable waste
- B. To understand the kind of non-degradable waste in campus
- C. Action of management of non-degradable waste in campus

A. Understand the non-degradable waste:

- It is kind of waste which not undergo decomposition, fermentation and biodegradation chemical degradation.
- The microbial fungus to break it into small usable form in an ecosystem is not possible because of its physical composition.
- Its disadvantage point start to deposit on earth surface, it works as pollutant, it creates hazardous effect to life.

B. To understand the kind of non-degradable waste in campus:

- i. Plastic files
- ii. plastic containers
- iii. Broken glasses
- iv. Wrappers
- v. Aluminum foils



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- vi. E-waste such as computer peripherals mouse, wires, SMP's, motherboard, monitors etc.

C. Action of management for Non-Degradable waste:

i. Avoid the use of non-degradable waste

ii. Minimise the use of non-degradable waste

iii. Segregation of the Non-Degradable waste

iv. Recycling of the Non-Degradable waste

v. Processing of the non-degradable waste

vi. Awareness creation about non degradable waste

- i. **Avoid the use of non-degradable waste:** In the college campus try to avoid the use of non-degradable waste. It will be the best policy for management of non-degradable waste.
- ii. **Minimise the use of non-degradable waste:** certain time there is no alternate for use of non-degradable material devices. In such situation minimum use of such non-degradable devices can be adopted as a policy.
- iii. **Segregation of the Non-Degradable waste:** segregation of waste as degradable and non-degradable is to be followed. It helps to reuse and recycle of waste as per its origin and nature. The different coloured containers are used and segregate the degradable and non-degradable waste. It's first and corner stone method to adopt.
- iv. **Recycling of the Non-Degradable waste**
- v. **Processing of the non-degradable waste**
- vi. **Awareness creation about non degradable waste**

7. Water conservation policy:

- A. Turn off the tap
- B. Fix leaks
- C. Use water saving devices
- D. Use less water
- E. Recycle of the used water
- F. Rainwater harvesting
- G. Use drip irrigation in college gardens
- H. Recharge the gravitational water
- I. Use of own tube Wells, well as water resources



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J. Awareness of water conservation in college and in society through students

8. Green campus initiative policy:

A. Conservation:

- Environment conservation
- Water conservation
- Energy conservation

B. Optimise:

- Increase efficiency of environmental ecosystem
- Increase efficiency of water
- Increase efficiency of energy

C. Sustainability:

- Enhance sustainable environment
- Enhance sustainable water resources
- Enhance sustainable energy resources

9. Disabled friendly, barrier free environment policy:

A. Accessibility: ensuring that disabled have easy access to services activities and benefits. It includes Ramp, Railings, Lifts, Wheel Chair.

B. Support: Providing support for students with disabilities to participate in campus life, including exists to academic, co-curricular activities and building and facilities. It includes the receiving information in accessible formats, receiving high quality services from faculty, staff and having opportunities to provide feedback.

C. Other Provisions: it includes priority in admission concession fees disable friendly washroom, accessibility to washroom, medical facilities, screen reading audio - video devices brail format knowledge resources, disabled aids (ear devices, artificial limbs, electrical tricycles etc), scribe facilities for exam and safety sign boards.



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