



SETH GYANIRAM BANSIDHAR PODAR COLLEGE

Accredited with Grade 'A' (3.04 CGPA) by NAAC-UGC Recognition of college under Section 2(f)/12(B), UGC Act, 1956 Affiliated to Pandit Deendayal Upadhyaya Shekhawati University, Sikar

AQAR- 2023-24

Environmental Consciousness and Sustainability:

Green campus initiatives include:

(Various policy documents/ decisions

Circulated for implementation)





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7.1.5 Green campus initiatives include:

(Various policy documents/ decisions

Circulated for implementation)

7.1.5.1 The institutional initiatives for greening the campus are as follows:

Sr. No.	Particular	Availability
1.	Restricted entry of automobiles	√
2.	Use of Bicycles/ Battery powered vehicles	√
3.	Pedestrian Friendly pathways	√
4.	Ban on use of Plastic	√
5.	Landscaping with trees and plants	√

Options: A. 4 or All of the above

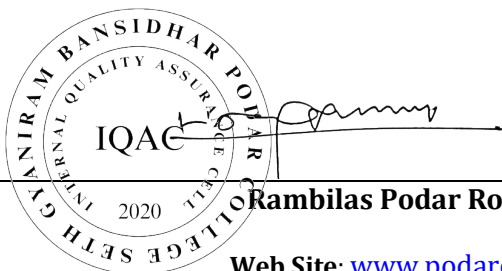
B. Any 3 of the above

C. Any 2 of the above

D. Any 1 of the above

E. None of the above

Answer: A. 4 or All of the above



Rambilas Podar Road, Nawalgarh, Dist: Jhunjhunu - 333042

Contact No: 8619868884

Web Site: www.podarcollege.com E-Mail: principal@podarcollege.com



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Policy Document

POLICY TITLE:- Environmentally Sustainable Green Campus.

POLICY NUMBER:- SGBPC /IQAC/ESGC/2017

INTRODUCTION

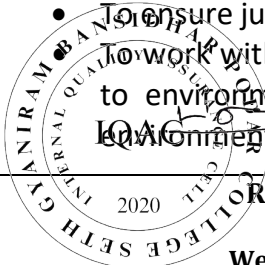
The need for protection and conservation of environment cannot be exaggerated. The Government of India has enacted through legislation and notification many laws, rules and regulations pertaining to sustenance of the environment. Institutionally, there is a need to view the issues of environment and ecology in a holistic manner. Seth Gyaniram Bansidhar Podar College, Nawalgarh is situated in a highly congested area of Nawalgarh, surrounded by residential complexes, with high levels of pollution and chronic lack of water resources. Since the demarcation of the college, it has been a paramount concern that the college campus be environmentally sustainable, clean and green. Joining in the mass cleanliness campaign of the Government of India, the Swachh Bharat Abhiyan, and this policy pledge the commitment of the college to ecological wellbeing and environmental protection and sustainability.

POLICY STATEMENT

Seth Gyaniram Bansidhar Podar College, Nawalgarh is dedicated to protect and enrich the ecology of the campus through water conservation, proper waste management systems, eco- friendly practices, thoughtful landscaping, sensitization and awareness regarding social responsibility and perception towards the environment and undertaking audit procedures.

POLICY PURPOSE AND OBJECTIVE

- To sensitize the students, teaching and non-teaching staff of the college about the importance of environmental protection and encourage them to maintain a clean and green campus.
- To reduce, recycle and reuse.
- To make the campus smoke and plastic free.
- To ensure judicious use of all resource and save for future generations.
- To work with all the stakeholders and local community to raise awareness related to environmental problems, ways of addressing them and motivate to adopt environmentally friendly practices.



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- To undertake auditing procedures to assess environmental performance and adopt strategies for improvement.

FEATURES OF THE POLICY

Clean and Green Campus Initiatives: Eco-friendly Practices

- Waste segregated dustbins to be placed in all prominent places on the campus.
- Organizing regular cleanliness drives.
- Organizing tree plantation drives.
- Energy conservation by use of LED lights.
- Eco-friendly Solar Panel for electricity supply not only for the college but also for the town use.
- Environment friendly electronic appliances.
- Switching off electrical appliances when not in use.
- Increased use of daylighting.
- Campus to be no smoking zone.
- Campus to be plastic free zone.
- Prevent food wastage and ensure proper disposal in the college canteen.
- Composting biodegradable waste and use the same for organic gardening.
- Pedestrian friendly pathways.

Water Conservation

- Installation of rainwater harvesting plant.
- Ensure leak-proof fixtures.
- Install water saving devices in taps and toilet flushes.

Waste Management System: Degradable and non-degradable waste

- Solid Waste Management
 - Maintain the machine installed to decompose organic/biodegradable waste, and use the manure for the college gardening.
- E-Waste Management
 - E-waste collection drives.
 - Collaboration for proper disposal of e-waste.

Liquid Waste

- Set up a sewage treatment plant.
- Installation of Bio-toilets.



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- Bio-medical Waste Management
 - Collaboration for proper disposal of bio medical waste.

Waste Recycling System

- Systematic collection of waste paper produced on campus.
- Collaboration for recycling waste paper.
- Reduce use of paper in the long run by digitization of attendance and internal assessment records.
- Reduce use of paper in administrative function; implement double-sided printing.
- Reduce use of toilet papers.

Landscaping and Infrastructural Initiatives

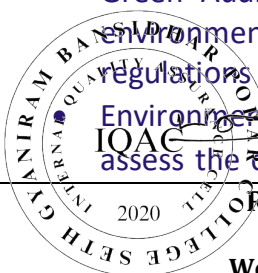
- Maintain and increase the green cover of the campus and surrounding areas.
- Environment friendly new building.
- Installation of rooftop solar power panels.
- Initiate an herbal park project.

Sensitisation and awareness

- Establish an environmental club/student society.
- Periodically organize workshops and awareness campaigns on environment related issues in the college campus and areas surrounding the college.
- Organize anti-cracker campaigns.
- Administer oath to students, teaching and non-teaching staff to maintain cleanliness on campus.
- Organise competitions (poster making, slogan writing, essay/creative writing, poetry, street play) on pressing environmental concerns.
- Undertake activities under 'Swachh Bharat Abhiyan' by environment society, NSS and NCC of the college.

Audits

- Energy Audit: The College will regularly conduct Energy Audit to review its energy consumption, identify wastage of energy and take measures to reduce carbon footprint.
- Green Audit: The College will regularly conduct Green Audit to examine the environmental conditions in the campus, ascertain that the rules and regulations are being followed and better maintain sustainability of the institution.
- Environment Audit: The College will regularly undertake environmental audit to assess the college's environmental performance and take measures to improve



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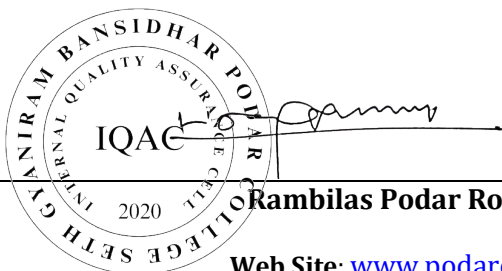
the same.

PROCESS AND PROCEDURE

1. A detailed action plan will be drawn to implement the areas identified in the policy.
2. Circulars and notifications will be issued, wherever required.
3. Display posters and signages in the campus for awareness and implementation.
4. External agencies may be engaged, whenever necessary, through formal MoUs for wastemanagement, recycling and other requirements for environmental sustainability.
5. Various planatation drives and collection drives will be evenly integrated in the academiccalendar for their smoothe handing over to the external agencies, wherever involved.

The Department of Environmental Studies will take the lead in implementation of the policy and conducting the audits.

***The policy is subject to periodic review.**



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FLORA OF THE CAMPUS			
Sr. No.	VERNACULAR NAME/ BOTANICAL NAME	FAMILY	NO. OF PLANTS
1	GUDHAL <i>Hibiscus rosa sinensis</i>	MALVACEAE	8
2	AMRUD <i>Psidium guajava</i>	MYRTACEAE	2
3	SNAKE PLANT <i>Dracena trifasciata</i>	ASPARAGACEAE	55
4	CYCAS <i>Cycas revoluta</i>	GYMNOSPERM	3
5	GREEN DEVIL <i>Pedilanthus tithymaloides</i>	EUPHORBIACEAE	2
6	ARROWHEAD PLANT <i>Syngonium podophyllum</i>	ARACEAE	2
7	FLAPJACKS <i>Kalanchoe thyrsiflora</i>	CRASSULACEAE	3
8	ASHOK <i>Polyalthia longifolia</i>	ANNONACEAE	45
9	DEVIL'S BACKBONE <i>Euphorbia tithymaloides</i>	EUPHORBIACEAE	4
10	CENTURY PLANT <i>Agava americana</i>	ASPARAGACEAE	4
11	VENEZUELAN TREEBINE <i>Cissus Rotundifolia</i>	VITACEAE	4
12	ASPARAGUS FERN <i>Asparagus densiflorus</i>	ASPARAGACEAE	2
13	BRYOPHYLLUM <i>Kalanchoe pinnata</i>	CRASSULACEAE	4
14	CYLINDRICAL SNAKE PLANT <i>Sensevieria cylindrica</i>	ASPARAGACEAE	20
15	DATE PALM <i>Phoenix dactylifera</i>	ARECACEAE	2
16	MANGROVE FAN PALM <i>Licuala spinosa</i>	ARACEAE	2
17.	KELI <i>Gladiolus Spp.</i>	IRIDACEAE	4
18.	ZEBRA PLANT <i>Haworthia fasciata</i>	LILIACEAE	2
19.	ELEPHANT FOOT <i>Beaucarnea recurvata</i>	LILIACEAE	5
20.	CHIKOO <i>Manikara zapota</i>	SAPOTACEAE	2
21.	LALPATA <i>Euphorbia pulcherrhima</i>	EUPHORBIACEAE	2
22.	JAVA PLUM or JAMUM	MYRTACEAE	1



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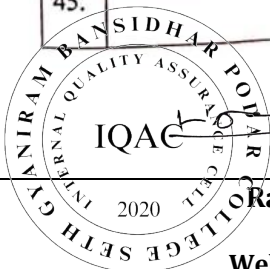
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23.	<i>Syzygium cumini</i> SHEESHAM	FABACEAE	3
24.	<i>Delbergia sisoo</i> YELLOW OLEANDER (Kaner)	APOCYNACEAE	2
25.	<i>Cascabela thevatia</i> MONEY PLANT	ARACEAE	7
26.	<i>Epipremnum aureum</i> NAGFANI	CACTACEAE	35
27.	<i>Opuntia ficus-indica</i> JADE PLANT	CRASSULACEAE	2
28.	<i>Crassula ovata</i> ALOE (GWARPATHA)	ASPHODELACEAE	4
29.	<i>Aloe vera</i> AMLA (Indian gooseberry)	PHYLLANTHACEAE	3
30.	<i>Phyllanthus emblica Linn</i> FAN PALM	ARECACEAE	2
31.	<i>Washingtonia filifera</i> ROSE	ROSACEAE	40
32.	<i>Rosa indica</i> GULDAUDI or mums	ASTERACEAE	24
33.	<i>Chrysanthemum spp.</i> GENDA (marigold)	ASTERACEAE	60
34.	<i>Tagetes patula</i> MORPHANKHI	CUPRESSACEAE	3
35.	<i>Thuja spp.</i> BEEL PATRA	RUTACEAE	2
36.	<i>Aegle marmalos</i> ANAR	LYTHRACEAE	1
37.	<i>Punica granatum</i> APPLE	ROSACEAE	1
38.	<i>Pyrus malus</i> DANDA THOR	CACTACEAE	2
39.	<i>Cereus jamacara</i> SPIDER LILY	ASPARAGACEAE	1
40.	<i>Crinum asiatica</i> CHRISTMAS TREE	ARAUCARIACEAE	5
41.	<i>Araucaria columnaris</i> BOUGAINVILLEA	NYCTAGINACEAE	35
42.	<i>Bougainvillea glabra</i> LOTUS	NELUMBONACEAE	1
43.	<i>Nelumbo nucifera</i> BURGAD	MORACEAE	1
44.	<i>Ficus bengalensis</i> KARONDA	APOCYNACEAE	1
45.	<i>Curissa carandas</i> KOCHIA	AMARANTHACEAE	1
	<i>Bassia scoparia</i>		



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46.	BOTTLE PALM <i>Hyophorbe lagenicaulis</i>	ARACEAE	2
47.	NEEM <i>Azadirachta indica</i>	MELIACEAE	5
48.	FISHTAIL PALM <i>Caryota mitis</i>	<u>ARECACEAE</u>	2
49.	PIPAL <i>Ficus religiosa</i>	MORACEAE	2
50.	KHEJRI <i>Prosopis cineraria</i>	<u>FABACEAE</u>	4



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प्लास्टिक / पॉलिथीन
मुक्त परिसर



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Mob. : 6376173950, 8619868884

Ph. : 01594-222030 ■ www.podarcollege.com ■ Email : principal@podarcollege.com

Broucher for “Plastic Mukat Abhiyan”



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पोदार कॉलेज द्वारा प्लास्टिक मुक्त अभियान का आगाज



सीमा संदेश संवाददाता

नवलगढ़। कस्बे के दी आनन्दीलाल पोदार ट्रस्ट, नवलगढ़ द्वारा संचालित सेठ जी. बी. पोदार कॉलेज, नवलगढ़ द्वारा गुरुवार को प्लास्टिक मुक्त अभियान का आगाज हुआ। अभियान का आगाज अतिथियों द्वारा पोस्टर विमोचन के साथ हुआ। इस अवसर पर पोदार कॉलेज प्राचार्य डॉ. सत्येन्द्र सिंह ने बताया कि पोदार कॉलेज परिसर पूर्णतः प्लास्टिक मुक्त किया जा रहा है। प्लास्टिक वायु प्रदूषण का बहुत बड़ा स्रोत है अतः इससे हमें बचना चाहिए। पोदार कॉलेज उप-प्राचार्य डॉ. विनोद सैनी ने बताया कि प्लास्टिक का उपयोग लगातार बढ़ने के अनेक समस्याएँ बढ़ रही हैं तथा प्राकृतिक घटक प्रभावित हो रहे हैं अतः सन्तुलन को बनाए रखने के लिए हमें प्लास्टिक का उपयोग नहीं करना चाहिए यह

पर्यावरण और मानव के साथ ही पशुओं के स्वास्थ्य के लिए भी हानिकारक है। पोदार ट्रस्ट के सलाहकार डॉ. रामगोपाल शर्मा ने बताया कि प्लास्टिक लगातार मिट्टियों की गुणवत्ता को प्रभावित कर रहे हैं। प्लास्टिक बैग जैव विविधता के लिए भी खतरा है अतः हमें प्लास्टिक का कम से कम उपयोग करना चाहिए। पोदार ट्रस्ट के अधिशाषी निदेशक एम.डी. शानभाग का कहना है, कि कॉलेज की एन.एस.एस., एन.सी.सी., स्काउट यूनिट द्वारा जागरूकता रैली, सेमीनारकर हमें प्लास्टिक का इस्तेमाल शून्य तक ले जाना होगा। पोदार ट्रस्ट के चेयरमैन राजीव के. पोदार व ट्रस्टी वेदिका पोदार का कहना है, कि प्लास्टिक का उपयोग कम करके हम मानव, पशु-पक्षी व प्रकृति को बचा सकते हैं। राजीव के. पोदार ने प्लास्टिक मुक्त अभियान को अच्छी पहल बताया।

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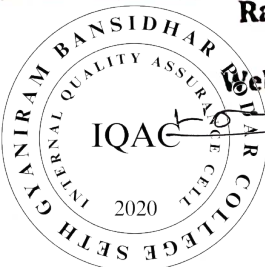
Notice

All UG & PG students, department of Botany are hereby inform that Department of Botany is going to organize a seminar on "National Pollution Control Day" on 2 December 2023. Where student of BSc & MSc (Previous and Final) take participate and know about National Pollution Control Day.

Presence of all students of UG & PG Classes is mandatory.

(Dr. Vinod Kumar Saini)
Vice-Principal

(Dr. Satyendra Singh)
Principal



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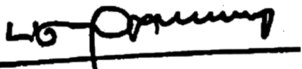
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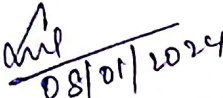
Date: - January 08, 2024

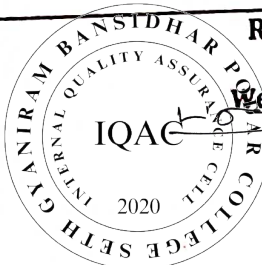
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