



National Institute of Education's  
**Sahakarbhushan S. K. Patil College, Kurundwad.**

NAAC Accreditation : B

Tal. Shirol, Dist. Kolhapur Pin - 416 106

☎ (02322) 244244, 243954, (R) 244353

Website - www.sbskpc.org E mail - sbskpc@gmail.com

Ref.No.NIOE/SKPCI 443-B/2020-2021

Date: 23-03-2021

To,  
The Principal,  
Jaysingpur College,  
Jaysingpur.

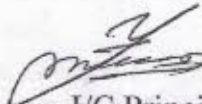
**Subject: Regarding Green Audit.**

Sir,

With reference to the above mentioned subject, we are requesting you to perform Green Audit of our college for the academic year 2020-2021.

Thanking you,



  
Principal  
**VIC PRINCIPAL**  
Sahakarbhushan S. K. Patil College,  
Kurundwad

Received  
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## Environmental Policy

### Introduction:

The College as a premier institute in the field of higher education is committed for academic excellence and overall development of students. The College is also sensitive towards environmental issues and proactively engages its stakeholders in sensitizing them regarding environmental concerns. This is reflected through the kind of seminars and workshops and other activities organized by the department for all students and teachers. The Environmental Policy is the indication to show commitment by college to reduce environmental issues and to go towards continual improvement as per the expectations of standard environmental practices.

### Environmental Policy Statement:

In its commitment towards excellence compliance, and all such standard practices incorporating sound environmental strategy in academic activities the will, ensure legal that are necessary for educational organisation by and practice into activities of all the departments.

### Specific Aims and Objectives:

- Initiate wise use of all available resources in the campus.
- Promote cleaner sources of energy in campus especially solar power.
- Promote environmentally sensitive designs in older and new buildings.
- Develop efficient waste management and recycling practices throughout the campus.
- Promote use of recyclable and recycled materials wherever possible.
- Conduct awareness activities for environmental issues.
- Conservation and enrichment of biodiversity in the college campus.
- Make campus pollution free by adopting to zero emission strategies and vehicles inside the campus.
- Implement practices that will minimise plastic and ban on single use plastic in the campus as per PMC rules and regulations.
- Promotion of eco-friendly programs and festivals.
- Carry out environmental audit and green initiatives annually.
- Promote efficient use of water and energy.
- Continual improvement through awareness programmes at campus.
- College will encourage to use nature classrooms to inculcate ethics of nature conservation.

**SOP for Environment Policy:**

| <b>Sr. No.</b> | <b>Activity</b>  | <b>Responsibility</b> |
|----------------|--|-----------------------|
| 01.            | Establishment of structures and procedures for implementation of the environmental policy            | Principal             |
| 02.            | Monitor the implementation of the policy   | Head                  |
| 03.            | Promote environmental awareness, this includes efficient use of water and energy, reducing waste etc | Teacher               |
| 04.            | Every teacher must coordinate the Green Culture  | Teacher               |
| 05.            | Adhere to the policy guidelines regarding recycling, waste prevention and reuse where possible       | Students              |

## Green steps/ initiatives

### **Formation of Environment Committee:**

The College is committed to set up an Environment Committee that will evolve guidelines, measures and oversee implementation of the various aspects of Green Initiatives.

### **Make Campus Pollution Free by Adopting to Zero Emission Strategies:**

1. Vehicles operated on battery or on CNG will be encouraged to be used.
2. This will help to reduce on campus carbon footprint and to move towards zero emission carbon neutral campus.
3. Use of bicycles is always expected from students and staff to arrive at the campus.
4. All staff members and students are expected to park vehicles away from buildings and in designated parking areas only.
5. Use of mass transport and carpool as an eco-friendly way is expected from all staff members of the College.
6. Promote use of organic fertilizer, compost and eco-friendly pesticides to maintain vegetation in the campus.

### **Plastic Free Campus:**

1. Make campus absolutely free from single use plastic especially water bottles and packaged food items and containers. We strongly discourage use of plastic items.
2. In exceptional cases, plastic Flex/ banners are allowed to be used for advertising/ publishing/ promotional material.

### **Promotion of Eco-friendly Programs and Festivals:**

1. As far as possible, do not distribute writing material, pens and other stationary for workshops, you may ask participants to carry them and reduce on waste generation. We promote "Bring Your Own" culture.
2. Use of the badges/labels should be discouraged OR it should be made from eco-friendly material. Also reuse of such a material for seminar/conference/college fests is encouraged to reduce waste generation.
3. Demand fewer items and by that way generate fewer wastes for the programmes. Never ask for single use plastic containers and other non-degradable cover-ups especially for programmes or college fests.
4. Encourage students to adopt green strategies for college fests.
5. Ban on bouquet covered with plastic films, thermocol containers or any non-biodegradable material.
6. Avoid use of chemical paints and colouring agents.

### **Initiatives for Wise Use of Resources:**

1. Prepare an 'Online Questionnaire Form'/ 'Google Forms Feedback' system to evaluate/seminar/conference/ any other programme, in terms of resource efficiency.
2. Reduce consumption of resources by using materials that have long service duration and therefore require less replacement. E.g. use of metal water bottles and glasses.

3. Adopt 'think before you print' attitude for computer printing. Use permitted social media platforms to pass messages/notices. If printing is essential, use both sides of the paper.
4. Initiate steps to reduce the use of paper on campus for all purposes. Develop an e-filing system for all academic and administrative purposes. Its implementation will lead us to e-Governance.
5. Do not encourage unnecessary printing of documents and other material. A system of paper auditing (Semester-wise or annual) for the Departments and Offices of the college can be put in place in order to reduce the use of printing paper.
6. Design and modify existing structures to minimise use of electricity by providing proper ventilation and natural light during daytime. E.g. Avoid unnecessary use of window curtains for decorative purpose.
7. Maximize use of LED bulbs and tube light.
8. Promote and use alternative sources of energy to serve as backup and fuel.

#### **Implementation of Waste Management Practices:**

1. Provide colour-coded bins for waste segregation.
2. Collaborate with electronics waste (e-waste) recycling agencies, Formalise the activity in the form of MoU and give them e-waste either monthly, once in few months or yearly.
3. Collaborate with agencies for safe disposal of Laboratory waste generated particularly for all life Science departments.
4. Promote and implement Zero Emission and Carbon Neutral Campus Policy. Do not burn any organic wastes at any time. Organic waste from canteens, mess and leaves of plants from campus can manage by various eco-friendly methods like composting, vermicomposting, biogas etc.
5. Avoid purchase of single use disposable items strictly. Carry out recycling of the biodegradable wastes in the campus as much possible.
6. Segregation of cooked food waste and raw food waste from the canteens and tiffin of staff members to be processed separately in compost pits and units to manufacture bio-enzymes. These can be excellent as sources of income for the campus if effectively managed.
7. Design and modify existing structures to minimise use of electricity by providing proper ventilation and natural light during daytime. E.g. Avoid unnecessary use of window curtains for decorative purpose.
8. Maximize use of LED bulbs and tube light.
9. Promote and use alternative sources of energy to serve as backup and fuel.

#### **Water Resource Management:**

1. Make provision to harvest rainwater. Use of paved paths instead of concrete to allow water percolation.
2. Proper use of water will be carried out. Practices that save water will be promoted on campus.

**Awareness Programmes:**

1. Conduct training programmes for staff and students on importance of green building, environmental sustenance, and maintenance of campus with regard to all environmental parameters.
2. Issue clear and easy to follow guidelines to staff members in the form of dos and don'ts.
3. Prepare posters and display the environment policy of the college.
4. Conduct special training programs for non-teaching and cleaning workers to develop skills of handling and segregation of waste in campus.

## ENERGY INSPECTION AND ELECTRICAL LOAD OF OUR COLLEGE INSTALLATION FOR THE ACADEMIC YEAR 2020-21

After going through the survey, we are hereby submitting the details regarding the use of Energy in our institution:

| Room No.               | LED Tube and Bulb Fan | Fan | Computers | Printers and scanners | Laptop | Xerox machine | Projector | Inverter and generator | Speaker, amplifier and mike |
|------------------------|-----------------------|-----|-----------|-----------------------|--------|---------------|-----------|------------------------|-----------------------------|
| Office                 | 05                    | 06  | 08        | 08                    | 01     | 01            | ---       | ---                    | ---                         |
| Office passage         | ---                   | 01  | ---       | ---                   | ---    | ---           | ---       | ---                    | 1-1                         |
| Generator room         | ---                   | --- | ---       | ---                   | ---    | ---           | ---       | 1-1 Batteries-04       | ---                         |
| Meeting hall           | 03                    | 03  | 01        | 01                    | ---    | ---           | ---       | ---                    | ---                         |
| Principal room         | 03                    | 02  | 01        | 01                    | ---    | ---           | ---       | 01                     | ---                         |
| SRPD room 14           | 03                    | 02  | 02        | 01                    | ---    | 01            | ---       | ---                    | ---                         |
| Exam room              | 02                    | 02  | ---       | 01                    | 01     | ---           | ---       | ---                    | ---                         |
| Store room             | 02                    | 02  | ---       | ---                   | ---    | ---           | ---       | ---                    | 01                          |
| Vice principal room 12 | 01                    | 01  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| NAAC room              | 02                    | 03  | 01        | 01                    | ---    | ---           | ---       | ---                    | ---                         |
| Library                | 20                    | 07  | 04        | ---                   | ---    | ---           | ---       | 01                     | ---                         |
| N.S.S. room            | 02                    | 01  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| N.C.C. room            | 02                    | 02  | 01        | 01                    | ---    | ---           | ---       | ---                    | ---                         |
| Sports room            | 03                    | 02  | 01        | 01                    | ---    | ---           | ---       | ---                    | ---                         |
| Ladies room            | 01                    | 01  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Senior staff room      | 03                    | 03  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Junior staff room      | 02                    | 03  | 01        | 01                    | 01     | ---           | ---       | ---                    | ---                         |
| Science staff room     | 02                    | 01  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Computer lab           | 05                    | 03  | 30        | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Room no. 4             | 02                    | 01  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Room no. 8             | 02                    | 02  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Room no. 20            | 02                    | 02  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Room no. 21            | 02                    | 03  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |
| Room no. 26            | 03                    | 03  | ---       | ---                   | ---    | ---           | 01        | ---                    | ---                         |
| Room no. 27            | 01                    | 01  | ---       | ---                   | ---    | ---           | 01        | ---                    | ---                         |
| Room no. 29            | 02                    | 02  | ---       | ---                   | ---    | ---           | ---       | ---                    | ---                         |

|                         |    |    |     |     |     |     |     |     |     |
|-------------------------|----|----|-----|-----|-----|-----|-----|-----|-----|
| Room no. 31             | 02 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 32             | 03 | 03 | --- | --- | --- | --- | --- | --- | 02  |
| Room no. 33             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 34             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 35             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 36             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 37             | 01 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 38             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 44             | 03 | 04 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 46             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 47             | 01 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 48             | 02 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 49             | 02 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 50             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 51             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 52             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 53             | 02 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Room no. 54             | 04 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Marathi Dept.           | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Hindi Dept.             | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| English Dept.           | 01 | 02 | --- | --- | --- | --- | --- | --- | --- |
| History Dept.           | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Geography Dept.         | 02 | 02 | --- | --- | --- | --- | --- | --- | --- |
| Political Science Dept. | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |
| Economics Dept.         | 01 | 01 | --- | --- | --- | --- | --- | --- | --- |