

7.1.2: The Institution has facilities and initiatives for

- 1. Alternate sources of energy and energy conservation measures
- 2. Management of the various types of degradable and no degradable waste
- 3. Water conservation
- 4. Green campus initiatives
- 5. Disabled-friendly, barrier free environment
- 1. Alternate sources of energy and energy conservation measures:

The Institution uses LED Tubes to save energy. LED tubes have been installed in all classrooms. The instructions to switch off the lights, computers, printers and equipment's are displayed where ever necessary.



The use of LED Bulb in Classrooms



The use of LED Bulb in Seminar Hall



The use of LED Bulb in Classrooms



Instructions are displayed to Save Energy in Office



Instructions are displayed to Save Energy in Classroom

2. Management of the various types of degradable and no degradable waste

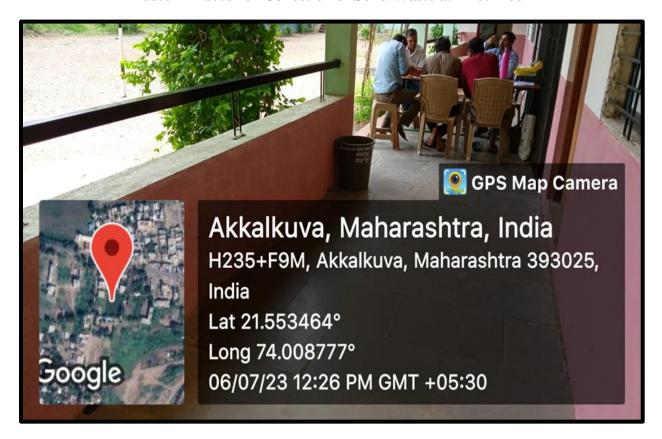
Solid waste includes garbage, rubbish such as paper in classrooms, Laboratory and offices. Dustbins are located at different places to collect solid wastes .Sorapada Group Gram Panchayat collects garbage of the campus and takes it away regularly. The NSS units of the college organize cleanliness programs in college premises. The NSS volunteers regularly participate in campus cleaning initiatives. Teaching and non-teaching staff of the concerned department's instinct the students for optimum care to be taken while using hazardous solid chemicals in the practical



Dustbin Placed for Collection of Solid Waste at Seminar Hall



Dustbin Placed for Collection of Solid Waste at First Floor



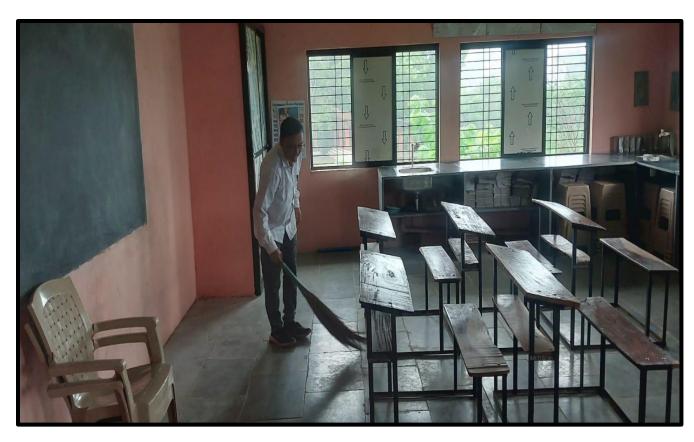
Dustbin Placed for Collection of Solid Waste at Ground Floor



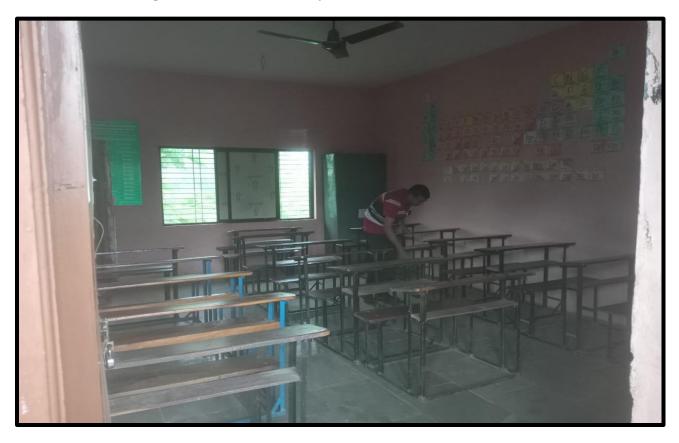
Regular Cleanness Work by Staff at First Floor



Regular Cleanness Work by Staff at Ground Floor



Regular Cleanness Work by Staff in S.Y.B.Sc, Classroom



Regular Cleanness Work by Staff in T.Y.Bc. Classroom



Regular Cleanness Work by Staff in Chemistry Laboratory



Regular Cleanness Work by Staffin Geography Laboratory



NSS Volunteer Participate Cleanness Drive on AhinsaSaptah Organize by NSS



Cleanness Drive by Student in SwachhataPandharwadaDuring 01-08-2019 to 15-08-2019 Organize by NSS



Cleanness Drive by Student in SwachhataPandharwadaDuring01-08-2019 to 15-08-2019 Organize by NSS



Cleanness Drive by Student in SwachhataPandharwadaDuring01-08-2019 to 15-08-2019 Organize by NSS



Cleanness Drive by NSS Volunteer in Campus on 23/09/2022Organize by NSS



Cleanness Drive by NSS Volunteer on SwacchataPandharwada in Campus on 05/08/2021Organize by NSS



Use of Solid Waste Management Facility Provided by Grampanchayat



Garbage collection vehicle of Grampanchayat Collects Garbage

Vermicomposting Project

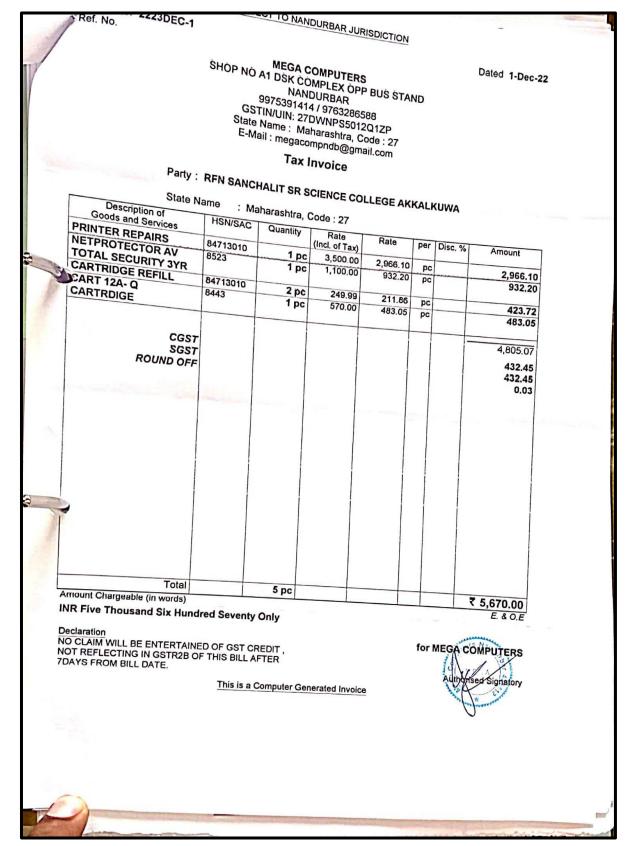


Vermicomposting Project for Organic Waste by Zoology Department



Vermicomposting Project for Organic Waste by Zoology Department

Maintenance of Non-working Electric Equipment for E- Waste Manegement

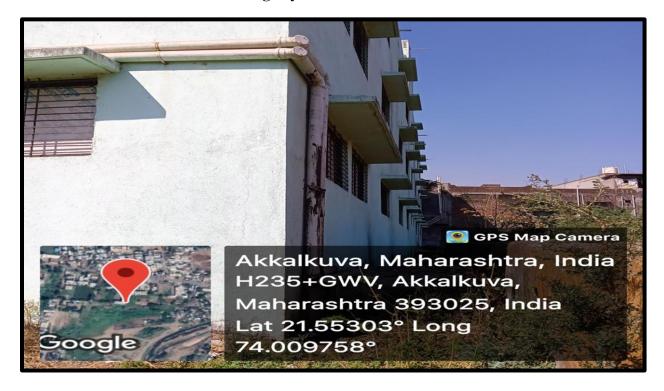


3. Water conservation

The major sources of wastewater generation in College are wash basins, toilets and science laboratories. The wastewater from science laboratories is disposed properly. Liquid wastes generated in the science laboratories are diluted with water & then discharged. The college has designed the outflow of the liquid waste in such a way that it prevents contamination of wastewater on the campus. A properly constructed leakage proof sewage system is used for drainage



Drainage System for Waste Water



Drainage System for Waste Water



Safety Tank for Waste



Drainage Chamber for Waste Water



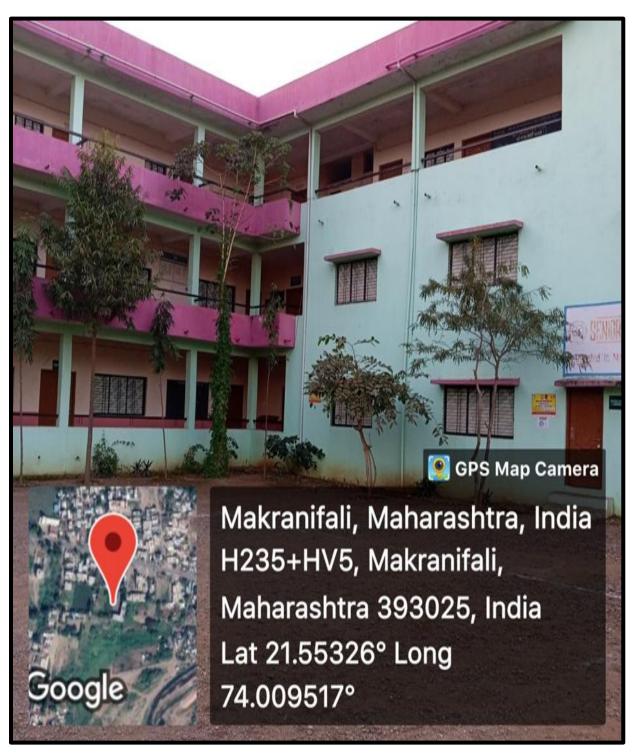
Absorption Pit for Water Conservation



Reuse of Wastage Water for Plant

Rain Water Harvesting

As a measure of water conservation, a proper rain water harvesting system has been installed in the main building of the college to channelize the water collected during rainy season. The Department of Chemistry has met with its need of distilled water by storing the rainwater in a tank. The rain water falling on the roof-top is smoothly carried to the tank, where it is stored for being used in practical. The remaining rainwater is harvested in the percolation tank.



Rain Water Harvesting System for Water Conservation



Rain Water Harvesting System for Water Conservation



Rain Water Harvesting System for Water Conservation



Ground Water Recharge Trough Open Space

4. Green campus initiatives

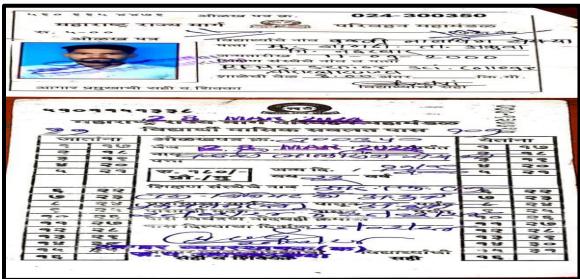
Restricted entry of Automobiles:. All entry points into the campus were closed for vehicles and those who come by vehicles had to park them outside the campus and walk to their department or office. Most of the students of our College come from nearby villages; they use public state transport for daily commute to the college. Bus stand is just half kilometer away from the campus hence students prefer to walk.



Celebrate World Bicycle Day for Promotion for Bicycle use for Environment Conservation on 03/06/2022 Organize by NSS

Use of Public State Transport by students: The majority of our students use public transport to commute to college.







Student Bus Ticket and Pass- Student Use Public Transport

Ban on plastic: - Students are appealed not to use plastic materials to maintain plastic free campus. In this regard instructions are given to students in the class rooms as well as notice boards. The premises are also kept clean though cleanliness campaigns with the help of NSS Volunteers. Students are instructed to use garbage cans for disposal of water, pouches, plastic bags, which helps in maintaining cleanliness on the campus. Dustbins have been kept in each class room, library, office, and staff room. All this garbage is collected with the help of non-teaching staff and transferred to the garbage truck of the Gram Panchayat for disposal.



Plastic Free Campus Board



Street Play Act by NSS Volunteers on "Plastic Free Campaign" on 04/10/ 2019 Organize by NSS



Rangoli Competition on "Clean India" in Mahatma Gandhi JayantiSaptahon 24/09/2019 Organize by NSS



Elocution Competition- Topic "Plastic Free Recruitment" on 24/09/2019 Organize by NSS



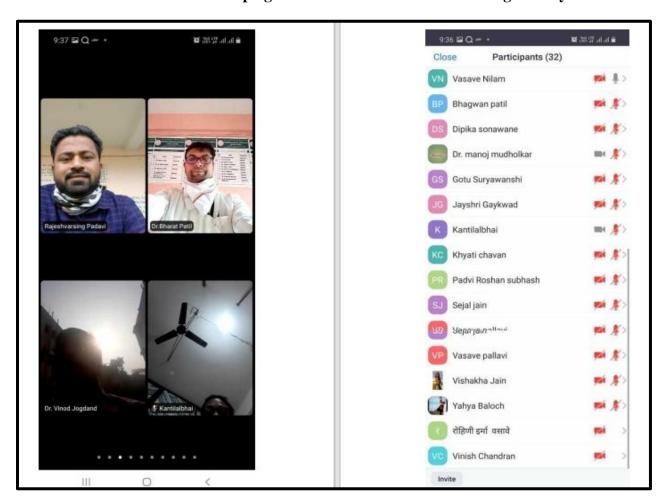
Essay Competition- Topic "Plastic Free Recruitment" in Mahatma Gandhi JayantiSaptah on 24/09/2019Essay Competition- Topic "Plastic Free Recruitment Organize by NSS



Global Warming Workshop for Environment Awareness on 22/01/2019 Organize by SDD



Guidance by Prof. Dr. AnkushKhobragade on "Clean India Mission " in One- Day Seminar on Sanitation Campaign Pandharavada on 01/08/2019Organize by NSS



Collective Green Oath Online Programme Organize by NSS on 01/01/2021



Rural Foundation, NandurbarSanchalit

(02567-252820)

SENIOR SCIENCE COLLEGE, AKKALKUWA

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Affiliated to KavayitriBahinabaiChaudhari, North Maharashtra University, Jalgaon

Ref No. RNNS, /sr.Sci.College /1169/1/2021-2022

दि/०१/०१/२०२१

प्रति.

मा.संचालक सो, रा.से.चो. विभाग, कवियत्री बहिणाबाई चौधरी उत्तर महाराष्ट्र विद्यापीठ जळगाव.

विषय :- वसुंघरा अभियंता अंतर्गत हरित ऑनलाईन सामूहिक शपथ कार्यक्रमाबाबत रा.से.यो.अंतर्गत घेतलेल्या कार्यक्रमाचा अहवाल सादर संदर्भ:- जा. क्र.स.सं.उ.शि./जविज/ माझी वसुंघरा /शपथ / परिपत्रक/२२१४

महोदय.

वरील संदर्भीय पत्रानुसार व विषयानुसार आमच्या . आर. एफ. एन.एस. वरिष्ठ विज्ञान महाविद्यालय अक्कलकुवा जि .नंदुरबार येथील रा.से. यो. एककच्या वतीने वसुंघरा अभियंता अंतर्गत हरित ऑनलाईन सामूहिक शपथ दि./०१/०१/२०२१ सकाळी ९:३० आमच्या महाविद्यालयातील विद्यार्थी व शिक्षक, शिक्षकेतर कर्मचारी यांनी ऑनलाईन शपथ कार्यक्रमात 36 जणी सहभाग नोंदवला केलेल्या उपक्रम कार्याचा संक्षिप्त अहवाल खालील प्रमाणेआपणास सादर करीत आहोत. तरीही कृपया आपण तो स्वीकारावा हिं विनंती.

१) उपस्थितांची फोटो यादी.

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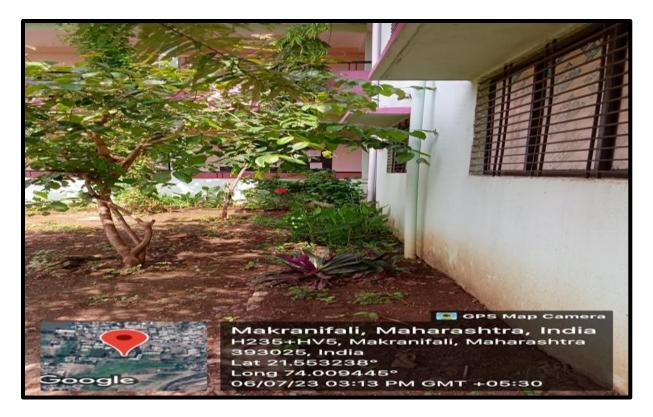
Plants Care by Staff

Landscaping with plants-

This includes the plants present in the campus. This also helps in ensuring that the environmental policy is enacted, enforced and reviewed using various environmental programmes. Campus is having 51 different types of plant species.



Landscaping



Landscaping

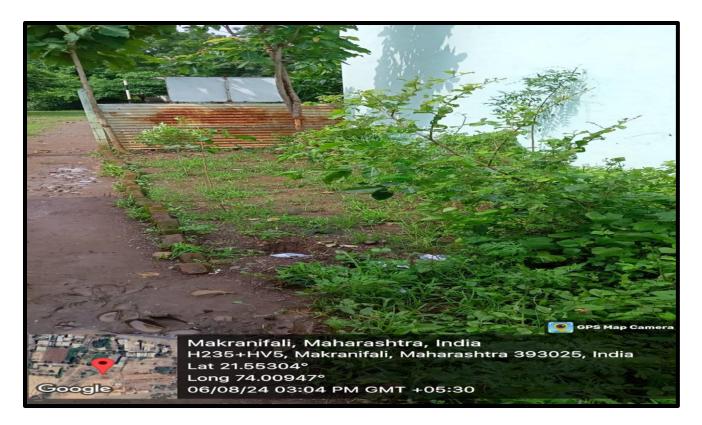
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List of Plant Species in the Campus



Botanical Garden



Medicinal Plant Garden



Tree Plantation by Hon. Chairman of Institute Mr. Appasaheb Prakash Patil& Principal Prof, Dr. C. P. Sawant in SwachattaPakwada on 15/08/2021 Organize by SDD



Tree Plantation Drive on 02-07-2018 by NSS



Tree Plantation Programme jointly Organize by NSS and Forest Department on Environment day on 05/06/2022



Guest Lecture by NandkishorSuryawanshi BDO Akkalkuwa on Tree Conservation and Tree Plantation by Principal Prof. Dr. C.P. Sawant, and Student Guest at College Campus and Devmogra Village Organize by NSS on 10/07/2021



Tree Plantation by NSS Volunteer in KulpatiDhan Van YojnaOrganize by NSS on 09/09/2022

लोकामत

घन वन योजनेतून वृक्षारोपण

लोकमत न्यूज नेटवर्क नंदुरबार: अक्कलकुवा येथील वरिष्ठ विज्ञान महाविद्यालयात राष्ट्रीय सेवा योजनेमार्फत कुलपती घन वन योजनेद्वारे वृक्षारोपण करण्यात आले. आरएफएनएस वरिष्ठ विज्ञान महाविद्यालयाच्या राष्ट्रीय सेवा योजना एककमार्फत कुलपती घन वन योजना अंतर्गत मान्यवरांच्या हस्ते वृक्षारोपण करण्यात आले. प्रमुख पाहुणे म्हणून राष्ट्रीय सेवा योजना जिल्हा समन्वयक डॉ. विजय पाटील व डॉ. योगेश दुशिंग, प्रा. अंकुश खोब्रागडे, डॉ. मनोज मुधोळकर, प्रा. गोपाल शेंडे, प्रा. गोटू सूर्यवंशी, योगेश महाजन, कांतीलाल पाटील, जगदीश पटेल, नारायण पाटील, प्रशांत पिंपरे, भगवान पाटील, अंकुश ठाकरे, मनीष पटेल, भरत साळवे उपस्थित होते.

प्राचार्य डॉ. सी. पी. सावंत, डॉ. विनोद जोगदंड यांनी वृक्ष संवर्धन या विषयावर विद्यार्थ्यांशी चर्चा केली.

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Newspaper cutting of Tree Plantation





Newspaper cutting of Tree Plantation

5. Disabled-Friendly, Barrier Free Environment:



Signposts- Building Map



Signposts- Direction for College



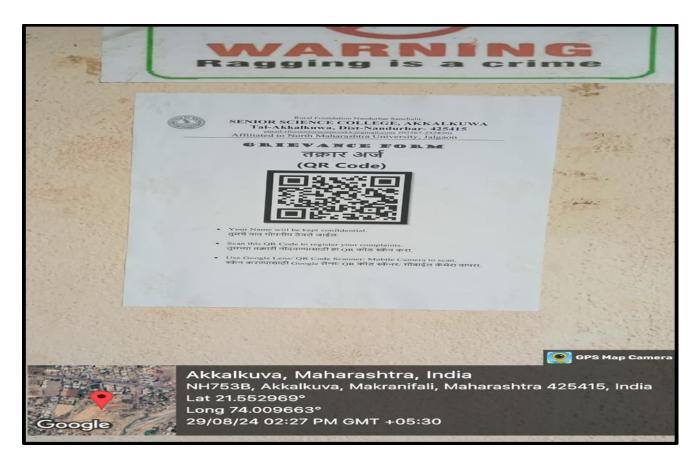
Signposts- Direction for Principal Office



Signposts- Direction for First Floor



Signposts- Direction for Botany and Chemistry Laboratory



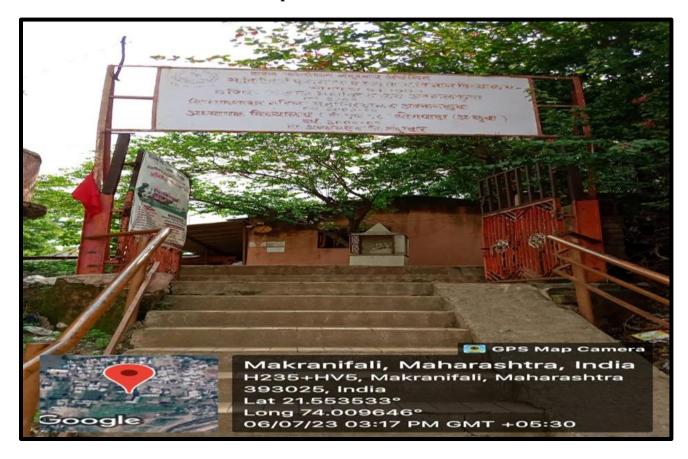
Signposts- Grievance



Accessible Toilet



Ramp on Entrance Gate



Ramp on Entrance Gate



Ramp on Entrance



Ramp on Entrance Gate

Summery:-

The institution prioritizes energy conservation and environmental management. LED tubes are installed in all classrooms to reduce energy use, and clear instructions for turning off lights and equipment are provided. Solid waste, including paper, is collected in dustbins throughout the campus, and garbage is regularly removed by the Sorapada Group Gram Panchayat. NSS units organize and participate in campus cleaning initiatives, and staff educate students on safely handling hazardous chemicals. Wastewater is managed through a well-designed sewage system that prevents contamination. Science lab liquid wastes are diluted and safely discharged. Vehicle access is restricted, with parking outside the campus to encourage walking, especially for students who use nearby public transport. The campus is designed to be disabled-friendly and barrier-free.