

# Adarsh Shikshan Sanstha's KALIKADEVI ARTS, COMMERCE AND SCIENCE COLLEGE SHIRUR KASAR, Dist. -Beed Internal Quality Assurance Cell

### **CRITERION VII<sup>th</sup>**

### **Institutional Values and Best Practices**

# **Key Indicator 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 non-degradable waste
- 3. Water conservation
- 4. Green campus initiatives
- 5. Disabled-friendly, barrier free environment



Hon. Jaidatta S. Kshirsagar
(B.E. Mech.)
Secretary
Dr.Vishwas S. Kandhare
(M.A. Ph.D.)
Principal

Adarsh Shikshan Sanstha's KALIKADEVI ARTS, COMMERCE AND SCIENCE COLLEGE SHIRUR KASAR,

Tq- SHIRUR (KASAR) -413249, DIST- BEED
Registration No.: B.H.R 11/72
Est. Date. Year: 29/01/2002
NAAC Reaccredited (II Cycle) 'B' Grade
ISO Certified

Permanently Affiliated to, Dr. Babasaheb Ambedkar Marathwada University, Chhatrapati Sambhajinagar (Aurangabad)

Ph. No. (02444) 259590/ Fax. No. (02444) 259590

E-mail:- Kalikadevicollege@gmail.com.

Website: www.kalikadevicollegeshirurkasar.org

#### **Green Campus Policy**

Cultivation of Eco-Friendly Green Campus is a prime motto of our college. Our college belongs to drought prone area. Through different environment friendly practices and education system we jointly promote sustainable and eco-friendly environment in the campus by adopting, practicing and promoting environmental friendly practices among students and staff to generate Eco-consciousness among them and in the world around them The green campus initiatives offers an institution the opportunity to take the lead in redefining the environmental culture of society and develop new pattern for creating sustainable solutions related to environmental, social and economic needs of the mankind.

#### **Objectives**

- To bring awareness among the students about the hazards spoiling the environment.
- To help the students understand each individual's responsibility to take an initiative to save the environment.
- To help students take small steps in saving the environment and create awareness amongst public
- To encourage students to keep environment clean.

We try to achieve Green Campus status by making significant progress in different aspects of Environment factors:

- Energy
- Water
- Waste
- Green Campus & Biodiversity

#### To reduce energy consumption;

• Activate power management features on your computer and monitor so that it will go into a low power "sleep" mode when you are not working on it.

- Turn off your monitor when you leave your Table.
- Turn off unnecessary lights and use daylight instead.
- Use LED or compact fluorescent bulbs as much as possible
- Switch off lights, fans in conference rooms, classrooms, and lecture halls when they are not in use.
- Energy audit of consumption of electricity in the college is conducted

#### Minimize consumption of water.

- Repair sources of water leakage, such as dripping taps as quickly as possible.
- Encourage use of recycled rainwater and grey water to reduce mains water consumption.
- Reuse the water coming out of RO water purification systems for watering plants.
- Use of an efficient and hygienic water storage mechanism is done to minimize the loss of water during storage.

#### Waste minimization

- Keep a stock of paper that has been printed on one side and use it for day to day rough paper work
- Minimize the use of fertilizers and pesticides in college grounds, opting for the use of vermi compost produced on site wherever possible.
- Reduce the practice of burning plastic and other materials that emit harmful gas on burning is prevented in the campus.
- Use two types of bins separately for biodegradable and non-biodegradable wastes in the college campus.
- E-waste recycling is done by giving the e- waste material to the dealers hired by the institution.
- Dispose the chemical waste generated from the laboratories in a scientific manner.
- For solid waste management a vehicle from Nagar Panchayat samiti comes on the alternate days for collection of solid waste from college.
- All Departments and classrooms are provided with dustbins for dry wastage disposal.
- Technology is used to a greater extent for communication among the staff and the students rather than paper communication. What's app class wise groups, Department wise groups, Committee wise groups facilitate E-communication and use of public address systems reduces usage of paper in notices and circulars.

#### **Green Campus & Biodiversity**

• The students and staff members are given strict instructions to maintain the campus clean and avoid the use of plastic in campus

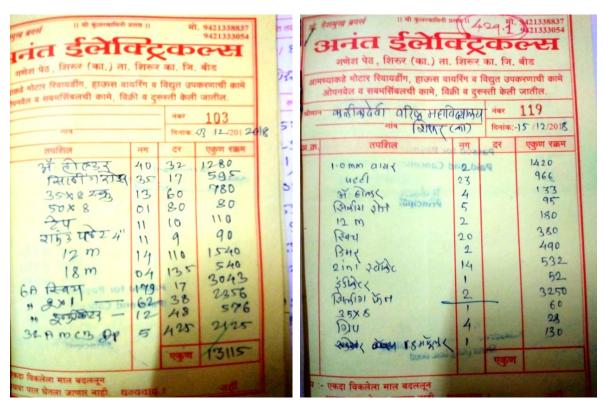
- Several posters related to the importance of clean and green environment are displayed on the campus.
- A gardener and full time adequate support staff are appointed for the maintenance of mess free clean and Green Campus.
- College celebrates "The World Environmental day" on June 5th every year and by conducting competitions among students and also talks by eminent people to bring awareness.
- The plantation program includes plantation of various types of ornamental and medicinal variety, wild plant species in large numbers.
- "No Smoking, No Tobacco", Tobacco and tobacco products are strictly prohibited in the college premises. The instructions regarding this are given to the students and the staff members. The boards are displayed at various places in the college.
- The College conducts Green Audit every year to identify, quantify, describe and priorities a
  framework of Environment Sustainability in compliance with the applicable regulations,
  policies and standards.

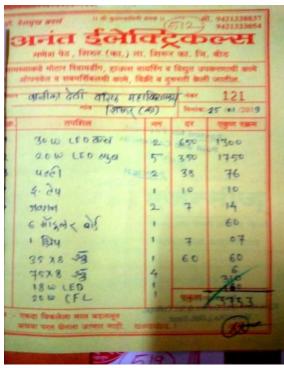
These strategies are incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. The institution is committed to make necessary efforts to involve the students, faculty and staff in "Green Campus Initiatives".

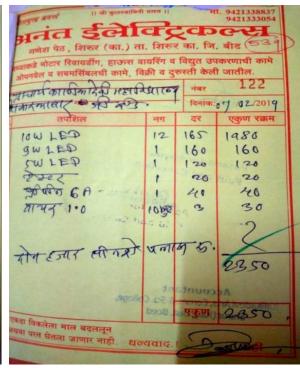
Shirur (Kasar) CO

Kalikadevi Arts, Comm. & Sci. College; Shirur (Ka.), Dist, Beed: 7.1.2. Bills for the purchase of equipment's for the facilities created for alternate sources of energy and energy conservation measures

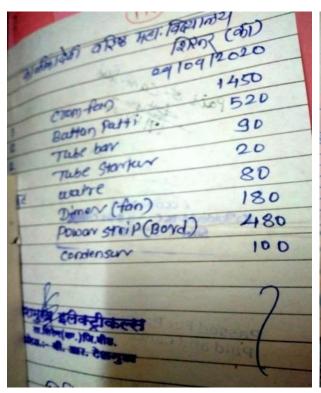
#### Academic year 2018-19





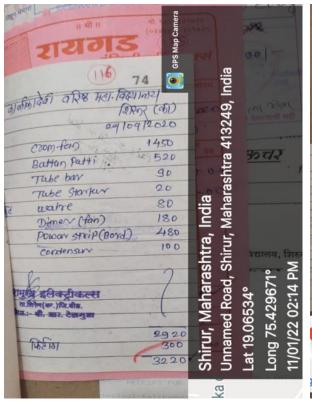


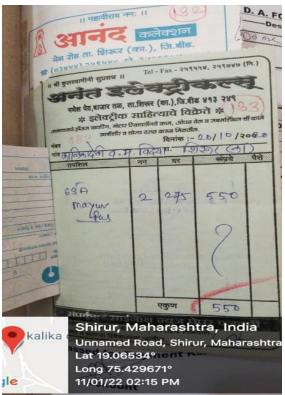
#### Academic year 2020-21

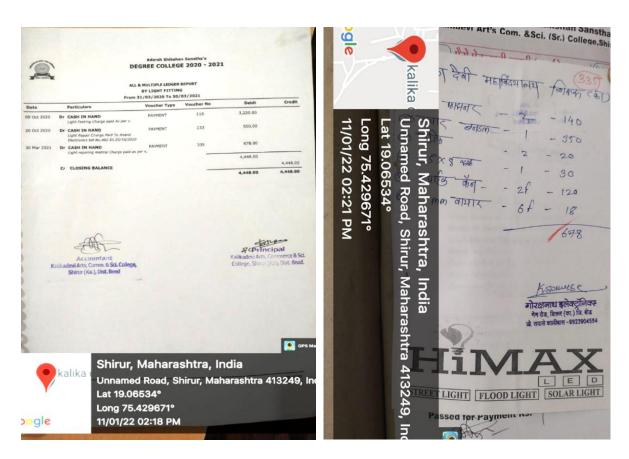




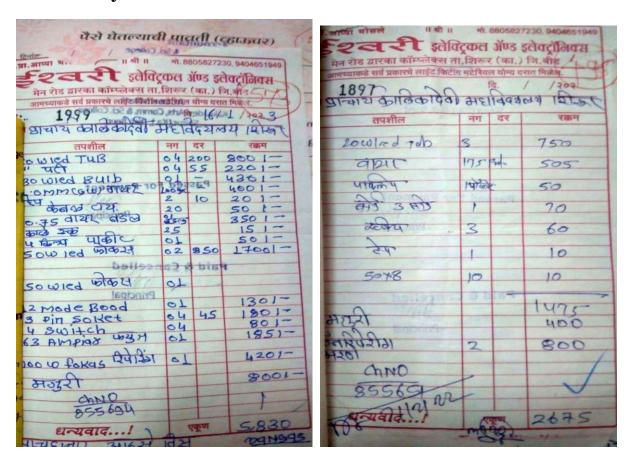
#### Academic year 2021-22





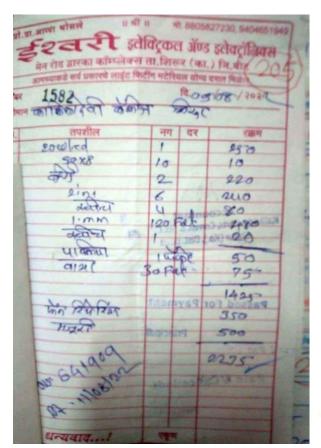


#### Academic year 2022-23



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Kalikadevi Arts, Comm. & Sci. College:
Shirur (Ka.), Dist. Beed:

### 7.1.2 Geo tagged photographs of alternate sources of energy and energy conservation measures

For power efficiency in college we use LED bulbs and tubes wherever necessary. Especially in Office, Library, Seminar hall, Principal cabin, YCMOU Office, IQAC and other departments we mostly use LED bulbs and tubes.

**Library- Reading Hall** 







#### **Principal Cabin-**

**Exam Department** 





#### **Seminar Hall**

#### **Administrative Office**





IQAC- Record Room





#### **Divyangjan Room**

#### **NSS Department**





#### Corridor





## 2. Geo tagged photos of Management of the various types of degradable and non degradable waste



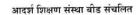
Liquid waste Management of Laboratories-



• For Non-biodegradable waste management, our Institution have done MOU with panchayat samiti. Vehicle of Panchayat samiti Visits College on alternate days to collect the garbage. We had requested to Panchayat Samiti Shirur Kasar for sending their vehicle to collect the Non-biodegradable waste from college. The waste is collected in dustbins placed in the college campus and departments and given to the vehicle at the time of arrival.







#### कालिकादेवी कला, वाणिज्य व विज्ञान महाविद्यालय, शिरुर (का)

ता. शिरुर का. जि. बीड

मा. जयदत्तजी क्षीरसागर (बी.ई मॅक) सचिव



डॉ. तुपे संजय. के. ( एम एस्सी.पीएच. डी) प्रभारी प्राचार्य

Ph. No. (02444) 259590

जा. क्र. कामाशि/2020-2021/*QO* 2

E-mail:- Kalikadevi192@ Gmail. Com

ta: 04/03/2021

पति.

मा. मुख्य अधिकारी, नगरपंचायत कार्यालय, शिरुर (का.) ता. शिरुर (का.) जि. बीड

> विषय: कालिकादेवी कला, वाणिज्य व विज्ञान महाविद्यालयात घनकचरा व्यवस्थापनेसाठी कचरागाडी पाठविणे बाबत....

महोदय,

वरील विषयान्वये सविनय सादर की, कालिकादेवी कला, वाणिज्य व विज्ञान महाविद्यालयातील घनकचरा घेऊन जाण्यासाठी महिण्यातून किमान चार वेळेस आपल्या नगर पंचायतीची कचरा गाडी पाठवून मा. मुख्य अधिकारी साहेब यांनी सहकार्य करावे ही विनंती.

> Kalikadevi Ar**u et s**inerce & Sc. College, Shirur (Ka), Dist. Beerl.

#### 3. Water conservation

Our Institution has a large campus measuring 2.23 acres. Various plants are planted in the campus tomaintain greenery. Rain water harvesting is the need of time .Therefore, our Institute had created a NaturalCanal at the back side of college. The rain water stored in this canal is helpful to increase the water level ofBore well which is near to it.



The large area of our campus is left open for tree plantation; the rain water that is collected in ground ofcollege campus is diverted towards percolation tank. Through underground Pipe line system it recharges theborewell in thecampus and this wateris used for plant conservation throughdrip irrigation.

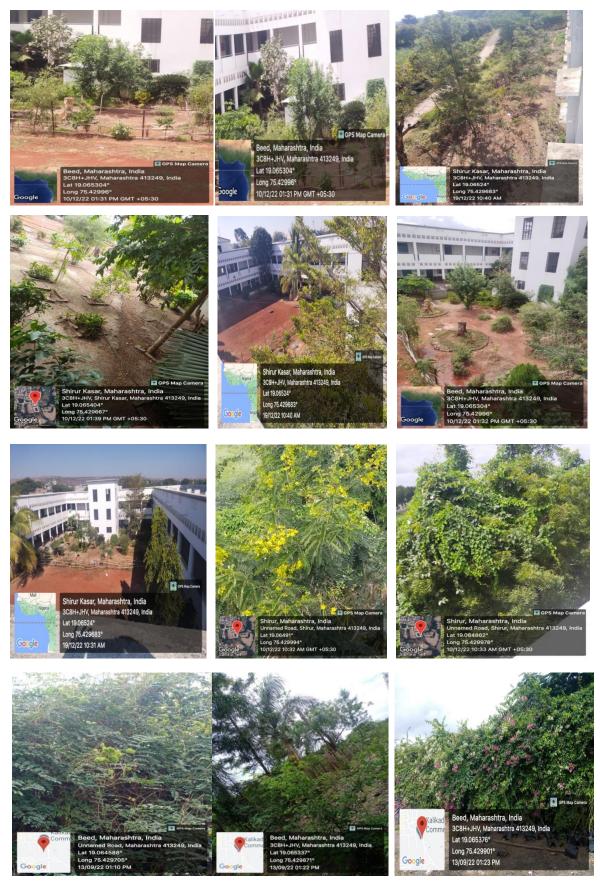






#### 4. Green campus initiatives

#### Tree plantation in college for maintaining green campus



#### • Tree Plantation by students, teachers & other stake holders

Our college NSS, Botany and other departments are always enthusiastic for tree plantation. Generally whenever guests visit to our college we plan for tree plantation with their auspicioushands. On 04th Oct. 2022 on the occasion of death anniversary of Late Sau. Kesharbai Khirsagar alias Kaku founder of Adarsh Shikan Santhas, Beed. In this tree plantation program as a chief guest was social worker Mrs. Meenatai Ugalmugale.

















- > Display of Pollution Management Sign Board sign College Premises
- Air Pollution Management Sign boards













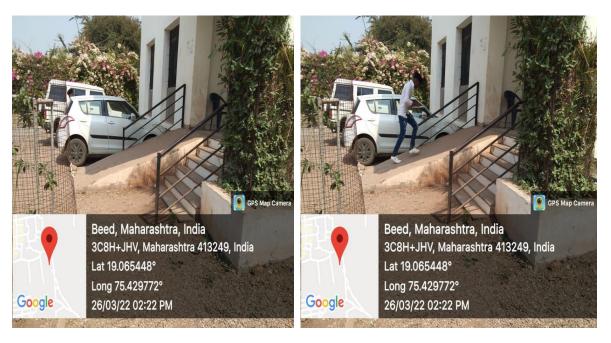
#### **Environment awareness posters in college premises**



#### > Reduced use of Print copies to avoid wastage of paper

Technology is used to a greater extent for communication among the staff and the students rather than paper communication. What 'Sapp - class wise groups, Department wise groups, Committee wise groups facilitate E-communication and use of public address systems reduces usage of paper in notices and circulars. Use more readout material in soft form. Reduce the hard readout material. Use more of e-mail for officially communicating the information needed, online reading etc. For rough printing we take care that one sided waste paper is used instead of fresh paper. The waste paper stock of college is sold to vendor for recycling.

### 5. Disabled-friendly, barrier free environment 1.Ramp



#### 2.Rest Room For Divyangjan Students



#### 3. Disabled-friendly washroom and commode chair



Kalikadevi Arts, Comm. & Sci. College. Shirur (Ka.), Dist. Beed:



Hon. Jaidatta S. Kshirsagar (B.E. Mech.) Secretary Dr. Vishwas S. Kandhare (M.A. Ph.D.)

**Principal** 

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Ph. No. (02444) 259590/ Fax. No. (02444) 259590

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Date: 15 / 08/2018

Website: www.kalikadevicollegeshirurkasar.org

Ref. No.KMS/ 2018-19

Circulars and report of activities for the implementation of the initiatives document

Academic Year 2018-19

#### **Event Organized Report**

Sr.	Title of	Date of	Objectives	Organizing	No. of	Outcomes
No.	activity	activity	of program	department	Students	of
					Participated	program
1	Poster	15/08/2018	To save and	Department	05	Reduce air
	presentation		awareness	of		pollution
	of global		about	Chemistry		
	warming		environment			

#### Poster presentation of global warming

Department of Chemistry organized poster presentation of global warming on 15/08/2018. The aim this activity is environmental consciousness.



Kalikadevi Arts, Comm. & Sci. College: Shirur (Ka.), Dist. Beed:



Hon. Jaidatta S. Kshirsagar (B.E. Mech.) Secretary

Dr. Vishwas S. Kandhare (M.A. Ph.D.) Principal

# Adarsh Shikshan Sanstha Beed's KALIKADEVI ARTS, COMMERCE AND SCIENCE COLLEGE SHIRUR KASAR.

Tq- SHIRUR (KASAR) -413249, DIST- BEED Registration No.: B.H.R 11/72 Est. Date. Year: 29/01/2002 NAAC Reaccredited (II Cycle) 'B' Grade ISO Certified

Date: 18 / 03/2020

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Website: www.kalikadevicollegeshirurkasar.org

Ref. No.KMS/ 2019-20

Circulars and report of activities for the implementation of the initiatives document Academic Year 2019-20

#### **Event Organized Report**

Sr.	Title of	Date of	Objectives	Organizing	No. of Students	Outcomes of
No.	activity	activity	of program	department	Participated	program
1	Poster	18/03/2020	To save and	Department	03	Reduce air
	presentation		awareness	of		pollution
	for Ban on use		about	Chemistry		_
	of plastic		environment			

#### Poster presentation on Initiative for Ban on use of plastic

Department of Chemistry Presented Ban on use of plastic poster on the occasion of World women day dated on 18/03/2020



Kalikadevi Arts, Comm. & Sci. College: Shirur (Ka.), Dist. Beed:



Hon. Jaidatta S. Kshirsagar (B.E. Mech.) Secretary

Dr. Vishwas S. Kandhare (M.A. Ph.D.) Principal Adarsh Shikshan Sanstha Beed's KALIKADEVI ARTS, COMMERCE AND SCIENCE COLLEGE SHIRUR KASAR.

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Website: www.kalikadevicollegeshirurkasar.org

Ref. No.KMS/ 2020-21

Date: 21 / 03 /2021

#### Circulars and report of activities for the implementation of the initiatives document Academic Year 2020-21

#### **Event Organized Report**

Sr.	Title of	Date of	Objectives	Organizing	No. of	Outcomes of
No.	activity	activity	of program	department	Students	program
					Participated	
1	Policy	20/03/2021	To save and	Department	11	Reduce air
	documents		awareness	of		pollution
	of plastic		about	Chemistry		
	free		environment			
	campus					
2	Tree	01/04/2021	Awareness	Department	05	Biodiversity
	plantation		about	of NSS		Conservation
	in College		environment			
	Campus					

#### **Plastic Free Campus Initiatives**

For Awareness about environment Dept. of Chemistry prepared policy document in college campus decisions circulated for implementation of Plastic free campus on 20/03/2021



#### Display of Plastic free campus Sign Boards in College Premises



#### **Tree plantation in College Campus**

Our college NSS Department organized tree plantation by stake holders on 01/04/2021.





Kalikadevi Arts, Comm. & Sci. College: Shirur (Ka.), Dist: Beed:



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(B.E. Mech.)
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Dr. Vichwas S. Kandharo

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Date: 05 / 06 /2022

Website: www.kalikadevicollegeshirurkasar.org

Ref. No.KMS/ 2021-22

#### Circulars and report of activities for the implementation of the initiatives document Academic Year 2021-22

#### **Event Organized Report**

Sr. No.	Title of activity	Date of activity	Objectives of program	Organizing department	No. of Students Participat ed	Outcomes of program
1	Oath of Environment Protection	05/06/2022	To save and awareness about environment	Department of Geography	50	Reduce pollution
2	Guest lecture on Environment Effect on Human Health	05/06/2022	Awareness about environment	Department of Geography	55	Awareness of Environment among the students
3	Tree plantation	24/03/2022	Awareness about environment	Internal Complaint Committee	05	Reducing climate change
4	Tree plantation	23/08/2022	Awareness about environment	In collaboration with Tahasil office Shirur (Ka), NSS department	21	Biodiversity Conservation

Kalikadevi Arts, Comm. & Sci. College; Shirur (Ka.), Dist. Beed:

#### **Oath of Environment Protection**

Environment is playing a crucial role to survive man and animal on the earth. Regarding world environment day 5<sup>th</sup> June we celebrate in our college by organized online lecture by the dept. of Geography.





#### **Guest lecture on Environment Effect on Human Health**

On the occasion of the commemoration day of Mahatma Jyotiba Phule, a guest lecture program was organized in the college through the department of geography. For this guest lecture Dr. Sudhakar Wanve is speaker on this topic, sir express his views and opinion very effective way. He told India is the second-largest rice-producing country with a share of 22% in the world after China. India has a production of official figures for 2020-21 is 124 Mt with average productivity of 2.7 t ha-1 of rice i.e., 4.1 t ha-1 paddy.





#### Tree Plantation by students, teachers and other stakeholders

In our college NSS, Botany and other departments are always enthusiastic for tree plantation. Generally whenever guests visit to our college we plan for tree plantation with their auspicious hands. Also Internal Complaint committee had organized tree plantation program by women of local area to bring environment awareness among them. Our students also deliberately participate in tree plantation whenever they get chance.





In collaboration with Tahasil office Shirur (Ka), NSS department of college has planted Bamboo, Zambhool, Nilgiri, Neemetc plants on the river side of Sindaphana flowing from Kolwadi village of Shirur (Ka)



Kalikadevi Arts, Comm. & Sci. College, Shirur (Ka.), Diet, Beed:



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Ref. No.KMS/ 2021-22

Circulars and report of activities for the implementation of the initiatives document Academic Year 2022-23

#### **Event Organized Report**

Sr. No.	Title of activity	Date of activity	Objectives of program	Organizing department	No. of Students Participat ed	Outcomes of program
1	Tree plantation at NavganRajuri	01/09/2022	To save and awareness about environment	Department of NSS	27	Reducing climate change
2	Poster presentation of Ban on use of plastic	17/09/2022	Awareness about environment	Department of Chemistry	03	Reduce air pollution
3	Tree plantation	10/12/2022	Awareness about environment	Department of NSS	25	Reducing climate change
4	Tree plantation at Nagrewadi	17/02/2023	Awareness about environment	Department of NSS	07	Biodiversity Conservation

Kalikadevi Arts, Comm. & Sci. College: Shirur (Ka.), Dist, Beed: On 01/09/2022 Department of NSS organized Tree plantation at Navgan Rajuri on this occasion Our Principal, all staff members and stake holders were present.



#### Ban on use of plastic

Department of Chemistry Presented Ban on use of plastic poster on the occasion of World women day dated on 17/09/2022



On 10/12/2022 Extension department has organized Grocery distribution program at Ajol Pariwar Rakasbhuvan Tamba on this occasion Tree plantation have organized. In this program our Principal, all staff members and stake holders were present.



On 17th Feb. 2023 on the occasion of birth anniversary of Dr. BhartbhushanKhirsagar President of NavganShikshanSanstha, Beed.NSS Department organized tree plantation at Nagarewadi the chief guest was Correspondent Shree Kate Sir.



Walikadevi Arts, Comm. & Sci. College. Shirur (Ka.), Diet, Beed: