

## BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade  
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur  
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M.E., Ph. D. (Computer)

### Clean and Green Initiatives

#### Actions Taken:

Bharati Vidyapeeth's College of Engineering has organized environmental awareness programs to contribute to a more environmentally sustainable world. These events assist in educating students and faculty about environmental issues and encouraging them to follow necessary environmental measures.

- To enhance and maintain the green campus of the college, various activities have been conducted as mentioned below:
  1. A Tree Plantation Programme was conducted on occasion of the World Environment Day on 7<sup>th</sup> June 2022 under 'Azadi Ka Amrut Mahotsav'.
  2. On occasion of the World Earth Day, various events were carried out by the college which included Poster Presentation Competition, Clay Models, Stalls of E-Bikes and Renewable energy equipments such as solar water heater.
  3. As per the guidelines from Govt. of Maharashtra and Shivaji University Kolhapur, the college organized 'Mazi Vasundhara' programme on 05<sup>th</sup> January 2021.
  4. Organization of No Vehicle Day at Institute 27<sup>th</sup> -28<sup>th</sup> July 2021.
  5. On the occasion of the National Pollution Control Day on 2<sup>nd</sup> December, 2022, a plastic waste collection drive was organized in the campus to create awareness among students about the impacts of plastic waste on health and nature. Students were involved in the activities like cleanliness drive to sensitize people about plastic management to keep environment protected and clean.
  6. Tree Plantation Programme was organized on the occasion of the Vanmahostava on 23<sup>rd</sup> July 2019.
  7. An Environmental Project Display through Model and Poster Exhibition was organized on 23<sup>rd</sup> February, 2019. Students showed their creativity through this program which helps to inculcate the importance of nature and wildlife conservation.
  8. Tree Plantation Programme was conducted on 10<sup>th</sup> July 2018.

9. A Poster and Model Exhibition was organized on 23<sup>rd</sup> March, 2018 to create environmental awareness.

Students showed their creativity through this program which helps to inculcate the importance of nature and rainwater harvesting.

10. Tree Plantation Program was organized on 15<sup>th</sup> Jan 2018 to maintain green cover in campus.

- The following activities and awareness programmes were conducted beyond the campus for creating awareness regarding environmental issues:

1. Plastic free & Cleanliness Drive was conducted under 'Azadi Ka Amrut Mahotsav' at Market Place R. K .Nagar on 27<sup>th</sup> May, 2022.

2. Cleanliness Drive was conducted at Veer Shiva Kashid Samadhi Parisar Village -Nebapur. Tal-Panhala on 28<sup>th</sup> May,2022 under 'Azadi Ka Amrut Mahotsav'.

3. Cleanliness drive on 16<sup>th</sup> March 2022 during NSS camp at Kaneriwadi, Kolhapur.

4. A cleanliness drive was conducted under 'CLEAN INDIA' Drive by Ministry of Youth Affairs & Sports in Kolhapur City on 29<sup>th</sup> October 2021.

5. A cleaning camp was organized at Ankalkhop, Tal. Palus, Dist. Sangli during 27<sup>th</sup> - 28<sup>th</sup> July 2021 after heavy rainfall.

6. Organization of plastic free drive in Kolhapur City on 2<sup>nd</sup> July,2021.

7. Organization of Gram Swachhta Abhiyan at Mouje Sangaon on 5<sup>th</sup> Feb, 2020 during NSS camp.

8. Organization of rally for social awareness on cleanliness at Mauje Sangaon during NSS camp.

9. Activity of watering 500 mango plants planted by Grampanchyat Mauje Sangaon on 7<sup>th</sup> February 2020.

10. Organization of Cleanliness program at Panahala fort Kolhapur on 7<sup>th</sup> March 2020.

11. Rehabilitation work at Ankalkhop village in Sangli district after heavy Rainfall & flood on 13<sup>th</sup> and 14<sup>th</sup> August 2019.

12. Assembling of Garbage Box under Gram Swachhata Abhiyan on 16<sup>th</sup> February 2018 at Mauje Sangaon.

## Achievements

- Achievements of the green and clean campus initiatives can be mentioned as follows:

**1. Landscape with trees, Plants and Lawns:** The proper care is taken by skilled gardeners and a supervisor to create and maintain green landscaping. Medicinal plants' garden is also maintained by the college. More than 1100 plants are planted in the campus through various plantation programs.

**2. Waste segregation, disposal and management:** The college has implemented a mechanism for proper disposal of solid waste. To segregate waste generated in the campus, the college has provided separate bins to collect dry and wet garbage. College also implements a compost pit as part of its zero waste practises. To dispose sanitary pads college has provided incinerator. In order to manage the recyclable garbage like paper generated at the college, the college sends it to the paper waste collecting agencies. The institute collects e-waste from all the departments and disposes it through authorized e-waste management company like Prabhunath Traders, Pune.

**3. Reduction in Air Pollution :** The college encouraged employees and students to use public transportation, bicycles, vehicle pooling etc. that helps reduce air pollution. The college has provided bus facility for students. The college has large green area including indoor plants to improve air quality of the campus. Tobacco and tobacco products are strictly prohibited on college premises. Most of the staff prefers carpooling system for coming to college.

**4. Water Conservation:** The College has operational Rain Water Harvesting units. The filtered rainwater of main building is stored in underground water tank and utilized for various purposes such as gardening, flushing of bathrooms and toilets etc. The filtered rainwater of mechanical building, workshops and boys hostel is filled into the bore well. It results in ground water recharge.

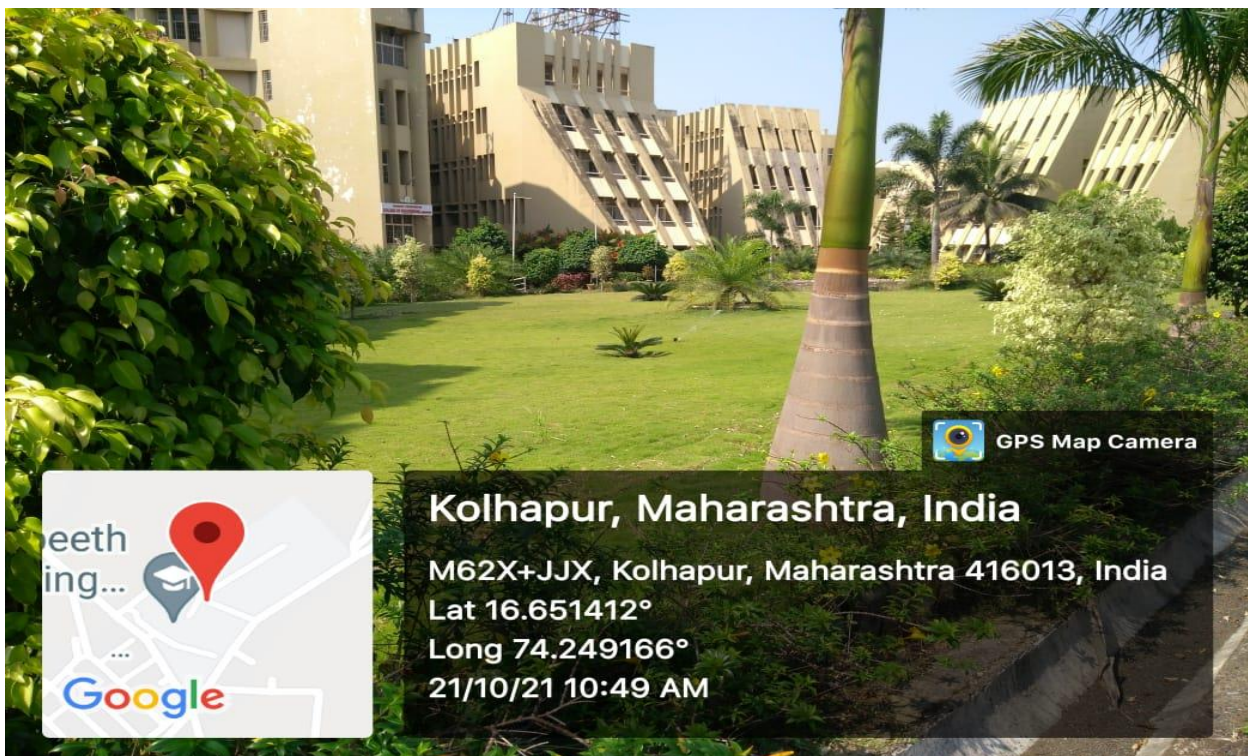
**5. Alternate sources of energy and energy conservation measures:** Photovoltaic Solar Panels have been installed to light the college driveway, which aids in energy conservation and use of renewable sources of energy. This helps in reducing electricity bills up to Rs.1,00000/-

**6. Recognitions for clean and green initiatives :**The College has honored with the first rank in the competition of Public and Institute Garden (small) organized by Garden's club Kolhapur in association with Kolhapur Municipal Corporation during 14<sup>th</sup>-16<sup>th</sup> December, 2019.

The institution has also contributed for AICTE "One Student One Tree" organized on 3<sup>rd</sup> December, 2019. This initiative is a part of its resolution towards green campus. The AICTE appreciated this initiative of the college.

## Representative Photographs of the Action Taken and Achievements

Landscape with trees, Plants and Lawns



## Boards to create awareness about importance of trees



**Segregation of waste in the campus through dustbins**



**Storage room to store paper waste**



**Pit to decompose degradable garden and canteen waste**



### Incinerator for disposal of sanitary napkins



### Sewage Treatment Plant





### Boards for cleanliness awareness



### Boards to create awareness about ban on plastic



### Display of boards for smoking free area



### Electronic vehicles used by students and staff to reduce vehicular emission



### Carpooling at campus



### Bus facility provided by college for students



## Water Conservation



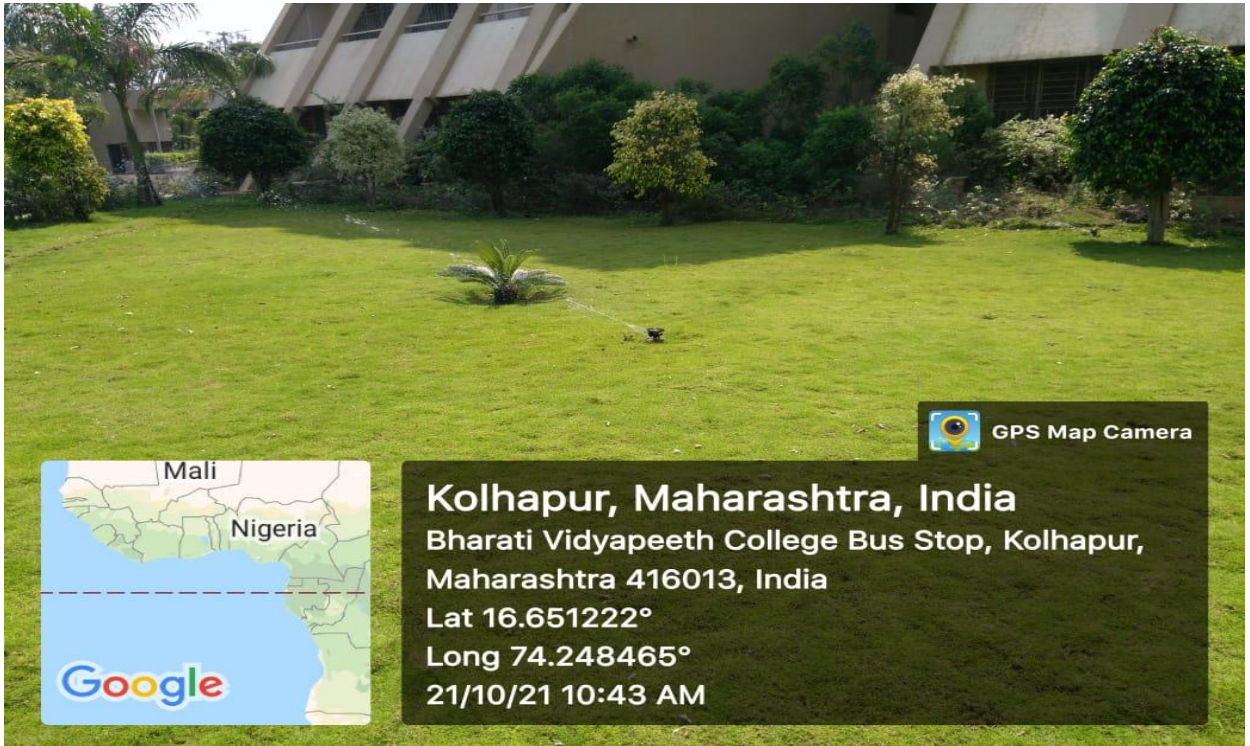
**Main water distribution tank having 30,000lit capacity**



**Drip Irrigation**



## Sprinkler irrigation



## Alternate sources of energy and energy conservation measures

### Solar Panel





### Use of LED bulbs





**Tree plantation by Shri. Raman Kulkarni on 07/07/2022**



**Poster presentation on occasion of World Earth Day on 22/04/2022**



**Harit Shapth (Green Oath) ont 05/01/2022**



**Organization of No Vehicle Day on 27&28 /07/2022**



**Tree plantation 10 July 2019**



**Environmental Project Display through Model and Poster Exhibition on 23/02/2019**



**Tree Plantation in college campus on 10<sup>th</sup> July 2018**



**Environmental Project Display through Model and Poster Exhibition on 22/03/2018**



**Plastic free & Cleanliness Drive at Market Place R. K. Nagar on 27/05/2022**



**NSS Volunteers Cleaning Samadhi Parisar at Nebapur Panahala on 28/05/2022**



**'CLEAN INDIA' Drive by, at Rankala Lake on 29/10/2021**



**Cleaning of flood affected area in Ankalkhop on 27-28 /07/2021**



**NSS Volunteers Collecting plastic waste on road 02/07/2021**





**Gram Swachhta Abhiyan at Mouje Sangaon 05/02/2020**



**Social Awareness on Cleanlines**



**Watering 500 Mango Plants planted by Grampanchyat on 07/02/2020**



**'SWACHHTA ABHIYAN' at Panhala fort.on07/03/2020**



**NSS TEAM Collecting waste from village affected due to heavy Flood on 13&14 /08/2019**



**NSS Volunteers Assembling & Fitting Box (Fiber Material) For Dumping Waste from Village. 16/02/2018**



## Recognitions for clean and green initiatives

Certificate and trophy received from Garden's Club Kolhapur





GARDENS CLUB  
KOLHAPUR  
Since 1969

Institution and  
Public Small

Flower Show 1<sup>st</sup> Prize  
December 2019

Donated By  
Kolhapur Sugar Mill

**Certificate received from AICTE**



ALL INDIA COUNCIL FOR TECHNICAL EDUCATION

*Certificate of Appreciation*

is awarded to

**Bharati Vidyapeeth'S College of Engineering ,**

**Kolhapur, Maharashtra**

for their significant contribution in

“One Student One Tree”

initiative

at All India Council for Technical Education

on 3rd December, 2019

Prof. Anil D Sahasrabudhe  
Chairman, AICTE