BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)
DTE INSTITUTE CODE : EN-6288
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050
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FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

NAAC SSR CYCLE- 2

Criterion 7	Institutional Values and Best Practices
Key Indicator 7.1.3	Institutional Values and Social Responsibilities

Quality audits on environment and energy regularly undertaken by the Institution. The institutional environment and energy initiatives are confirmed through the following

7.1.3.1 Green audit/Environment audit

7.1.3.2 Energy audit

7.1.3.3 Clean and green campus initiatives

7.1.3.4 Beyond the campus environmental promotion activities

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Documents Uploaded

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7.1.3.1	Green audit/Environment audit	**3**
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GREEN AUDIT REPORT
2021-22

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Prepared by

M/S NISARG ENVIRO SERVICES

KOLHAPUR.

Web: www.nisargenviro.com

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NISARG ENVIRO SERVICES

A Mission for Clean, Green & Sustainable Environment...

Ref. No.: NES/BVCOE/147/22

Date: 08/10/22

We have a great pleasure in presenting the Green Audit Report of Bharati Vidyapeeth's College of Engineering, Kolhapur for the Academic Year 2021-22. The Green Audit report gives detailed information about their greenery area of college campus, wastewater reuse, energy conservation, water conservation, disposal of general waste & steps to reduce the minimum use of natural resources.

They have been maintaining well their ecological diversity in college campus.

We wish them all success in the future.

For Nisarg Enviro Services,

Mane Narendra I.

NISARG ENVIRO SERVICES Pin No. 416101 JAYSINGPUR

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FOREWORD...

World is facing various serious environmental issues, different reports from World Health Organization, IPCC, various National and International organizations highlights the Environmental issues are most sensitive and widely discussed issues in the world today. From local issues like unsafe drinking water, regional issues like urban smog to global warming to deforestation etc. are the environmental issues that are discussed at global level but true fact is that regional or local activities are responsible to make such issues global. On the background of scenario components involved in higher education institutions like universities, colleges, research institutes are expected to take lead role in environmental conservation and protection. Institutions must play an active role in creating and modeling solution for environmental problems.

Bharati Vidyapeeth College of Engineering Kolhapur is following different sustainable practices as their vision. As a part of Quality System, college is committed to take lead role and create its own identity in the protection and conservation of environment. College has been following eco-friendly and sustainable practices to manage the available resources. As a part of such voluntary practices and component of Quality System internal environmental audit is conducted to evaluate the actual scenario on the campus.

Green auditing of college campus is planned systematic assessment of day to day activity with special reference conservation of natural resources, optimum use of available resource and control over waste generation. Green audit assessment will show way to find out the eco-friendly and non-eco-friendly practices on the campus. Objectives of green auditing vary with the operational activities of the organization. In case of our college green audit is an internal requirement of Quality System. Green audit show alternative path for management for non-ecofriendly activities. It also promotes a good environmental management practices and raises the awareness about the environmental conservation and its long term benefits. College has already implemented conservation practices in vision, which provides chance to explore opportunities for better performance in the future.

As a part of Quality System over the past five years college has fixed goal for conservation of environment and sustainable practices. For the achievement of goal college accepted various new and advanced technologies which are eco-friendly; such as self-sufficiency in water by adapting watershed management and roof top rain water harvesting systems. Plantation of local and endemic plant species on campus is big challenge that is accepted by the college. Over the years various green practices helped for number of significant changes, which have helped to increase the green area on the campus.

I am very happy to forward this Green Audit report of Bharati Vidyapeeth College of Engineering, Kolhapur. I must congratulate NAAC cell and his team for efforts taken for the completion of such type of report. I hope the report will be helpful to all concerned and will motivate all to change non sustainable practices.

Principal

Bharati Vidyapeeth College of Engineering, Kolhapur..

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INTRODUCTION

Bharati Vidyapeeth College of Engineering, Kolhapur was established in 2001 with facility for 330 Graduate (B.E.) admissions per year. The college also runs Postgraduate Courses, admitting 54 candidates in 3 branches per year.

The college is housed in multi-stored, well ventilated, spacious building with an area of 40464 Sq. Mtr. The institute is well-equipped with laboratories and state of the art center for academic excellence.

The college has well organized theoretical and practical teaching schedule for the students, so that they can become excellent professionals to serve the society. With highly qualified & dedicated staff and advanced equipment the institution imparts quality training for the students and completes patient care.

Our faculty members are undertaking quality research projects through Institutional Ethical Committee and many of them have represented it National and International level. The institute has as provided comfortable accommodation facility for the students and also has residential quarters for the teaching staff.

Collage Information:

Bharati Vidyapeeth College of Engineering is a well-known center of clinical excellence located in the same premises. The college provides 24 hour central Library facility computer center laboratories, workshops, class rooms with seminar halls. All facilities are available for basic study. The college is well equipped with all facilities for teaching, training and study care.
The administrative sections and record rooms are fully automated. College is linked with Digital Library where national & international journals are available. The central Laboratories of College are well equipped with latest instruments like Fully Automated analyzers, etc.
College provides various facilities for student such as
1.Free Health checkup camps,
2.Wi Fi facility in campus area
3.Skill development courses
4. Health Centre /Gymkhana
5.RO water coolers
6.Hostel for Boys and Ladies hostel.
7.Sports facility

Institute also undertake following activities and programs

- Celebration of International Yoga Day
- Tree Plantation Program
- Training Program on "SAVE FUEL & SAVE MONEY"
- Workshop on "Personality Development Skills"

1.1 INFRASTRUCTURE

a) **Academic Physical Facilities:**

Sr. No.	Facility	Numbers
1	Central Library	01
2	Computer Centre	01
3	Laboratories	58
4	Cafeteria	01
5	Workshops	02
6	Class rooms	18
7	Computer Lab	4
8	Auditorium/Exam Hall	01

b) **Residential Facilities**:

Sr. No.	Facility	Numbers
1	Boys Hostel	Capacity 24 Students
2	Cafeteria	1
3	Mess/Canteen	1

c) **SportsFacilities**:

Sr. No.	Indoor / Outdoor	Facilities
1	Outdoor	Well-equipped playground of 6700 sq.mts.
2	Indoor	Gymnasium, Carrom & Table Tennis 105 sqmtr

d) Medical Facilities for students and staff:

i) Free Health Check-up & Services
ii) Health Scheme for the staff

1.2 Green Audit an overview:

Educational Institutes are playing a key role in continues development of human resources worldwide through teaching and research. Educational institutes conduct various activities with aim to percolate the knowledge among the different levels of society. Likewise educational institutes also try to give issues related environmental conservation and pollution control. Various types of evolutionary methods are used to identify the environment concerning problem. It includes Environmental Impact Assessment (EIA), Social Impact Assessment (SIA), Carbon Footprint Mapping, Green audit etc.

"**Green audit is a tool to highlight general practices accepted and implemented by organization in term of its impact on environment**". Green audit also focus on adverse practices which are cause and responsible for harm to environment. Green audit shows strength and weakness of organization towards protection and conservation of environment. It also mark and highlight the non-accepted practices of natural resources utilization. Green audit shows the path to continuously run healthy practices, new innovative system for optimum utilization of resource and minimization of waste generation. It helps for protection and conservation of environment, natural resources and lead institution sustainable campus in social, economical and environmental views.

1.3 Need of Green Auditing:

Green auditing is the process of assessment of practices accepted by institution in view of whether they are ecofriendly and sustainable or not. Traditionally, Indian culture teaches good and efficient users of natural resources. But over the period of time uncontrolled excess use of resources like energy, water, chemicals are become threat to the environment and society also. Now, it is necessary to check whether our accepted practices are consuming more than required resources? Whether we are handling waste carefully? Where we have control over the use of natural resources. Green audit shows all such practices and gives an well direction to optimizes the use of natural resource. In the era of global warning, climate change, pollution and resource depletion it is necessary to verify the accepted practices and convert it in to green and clean one. Green audit provides an approach for it. It also increases overall awareness among the stack holders of institution towards an environmental conservation and green practices to be accepted.

1.4 Goals of Green Audit:

College has conducted green audit with following goals.

1. Baseline data collection of environmental parameters and measures over the environmental issue before they become problem.
2. Find out strength and weakness in green practices.
3. Conduct a survey to collect base line ground reality about green practices.
4. Find out the hurdles in green practice, and suggest solution over the hurdle's.
5. Check out the facility of different types of waste management.
6. Increase environmental awareness throughout campus with training.

1.5 Objectives of Green Audit:

1. To collect the base information over the current practices which can impact on environment?
2. To find out significant environmental issues.
3. Setup goal, vision and mission for environmental conservation and sustainable practices in campus.

METHODOLOGY

This is the first attempt to conduct Green Audit of Bharati Vidyapeeth's College of Engineering Kolhapur. First target was to collect the base line data concern about the green practises. The present report is based on onsite visits, personal observations and questionnaires survey tools. Primarily, based on data requirement, different type of questionnaires were prepared. Questionnaires were provided to all concern asked them to fill the same. The generated data is subsequently gathered and used for further analysis. From the outcome of the overall study, a final report is prepared. Before the survey all the required secondary data were collected from concern departments.

2.1 Survey by Questionnaire:

Baseline data for green audit report preparation was collected by questionnaire survey method. Questionnaires were prepared based on the guidelines, rules, acts and formats prepared by Ministry of Environment and Forest, New Delhi, Central Pollution Control Board and other statutory organizations. Green audit report of Shivaji University, Kolhapur is used as format for the report preparation. Most of the guidelines and formats based on broad aspects and some of the issues or formats were not applicable for educational institutions. In fact questionnaires were prepared, using these guidelines and formats, combinations, modifications and restructuring them, sets of questionnaires were prepared as solid waste, energy, water, hazardous waste, and e-waste.

All the questionnaires comprises of group of modules. Questionnaires were prepared in such a view that it will be easy to extract the general information of the concerned department, which broadly includes name of the department, total number of students and employees, visitors of the department, average working days and office timings etc. Another part of the questionnaires extract the present consumption of resources like water, energy, or the handling of solid and hazardous waste. Maintaining records of the handling of solid and hazardous waste is much important in green audit. Last part of the questionnaires shows possibilities of loss of resources like water, energy due to improper maintains.

2.2 Onsite visit and observations:

Bharati Vidyapeeth's College of Engineering campus has vast built up area comprising of various departments, administrative building, Library, Class rooms, student hostels, sports complex. All these amenities have different kind of infrastructure as per their requirement. All these buildings were visited by the surveyors. Presents conditions were checked by specific check list. Personal observations were made during the onsite visit.

2.3 Data analysis and final report preparation:

Required primary and secondary data were collected by different ways live questioners, check list etc. Collected data were crossed checked during the personal onsite visit. In case of green audit, the filled questionnaires of the survey from each group, were tabulated in excels spreadsheets. The tabulated data is then used for further analysis. SPSS software is used to find out the frequency distribution and results in percentile format. For better understanding of the results and to avoid complications, averages and percentages of the Tables were calculated. Interpretation of the overall outcomes is included in Final report.

OVERVIEW OF GREEN AUDIT

Audit Criteria

3.1 Green Cover
3.2 Waste Management
3.3 Electricity and Energy Audit
3.4 Water Conservation
3.5 Health and Hygiene
3.6 Training and Awareness

3.1 Green Cover

The college continuously conducts tree plantation drives as a mission. The plantation movement is conducted three times during the year i.e. before the arrival of monsoon, during monsoon and post monsoon. Space has been allocated for developing a garden.The college premises indicate the awareness level on floral biodiversity among the staff and students of the college.

Counting of trees and shrubs in the college premises was done by Student volunteers. The college has maintained books on identification of flora and fauna. College students are also encouraged for bird watching within the campus. Records of such surveys on floral & faunal biodiversity are maintained and were available during the audit.

Different activities by student are continuously trying to highlight the issues concern about environmental conservation and protection. Various field visits are organised to get aware about the local biodiversity. Apart from this, students organize time to time trips and nature treks to places of ecological importance for students who are interested.Following activities clears the intention towards development of Green Belt.

List of Flora and fauna

With the help of students a project on identification of plants in campus was undertaken and list of floral biodiversity is listed. Project on identification of fauna which includes, birds, reptiles etc. in campus was undertaken and list of faunal biodiversity is listed.(Attached with Annexure I)

Drip and Sprinkler irrigation system

As a part of water conservation Technique College installed drip and sprinkler system for watering the plant and garden premises.

Plantation of Rare Endangered Species

College has developed a garden by planting various local plants. Space has been allocated for developing a garden in premises. The college premises indicate the awareness level on floral biodiversity among the staff and students of the college.

Plantation with villagers at different nearby villages

College has started a unique movement of plantation, motivational approached are developed in local people to plant more and more tree. As a part of this movement villagers from surrounding villages are motivated to plant a tree in front of their house as well as on road side and nourish the same.

Revenue from the sale of different items from garden

College premises have some fruit plants which contains mango, coconut etc. These fruit plants are full grown and produce saleable fruits. College has its own horticulture department which take care of all these plant. By sailing the different items college generate revenue. Horticulture department sales the products and keep the record of revenue generated. Practise is too much fruitful because fresh and healthy items are supplied to peoples with affordable rates as compared to market rate. Since the fresh and cheap item is available the demand is more and more.

Drinking water system for birds and animals

As a part of conservation of biodiversity college have make separate drinking water system for birds and animals. Specific water bowels are placed at typical location considering the less human interferes. This practise shows very good results and bird and animal count is increased because of availability of water and secure place.

3.2 Waste Management

Solid waste management is a burning issue in current days. The rate of generation of solid waste is very high management technology is too adequate.Unscientific handling of solid waste is also a burning issue which can create threats to public health and environment. It is necessary to manage the solid waste properly to reduce the load on waste management system. The purpose of this audit is to find out current management practice of solid waste generation in the campus. Paper waste is a major solid waste generated in the campus. Most of the departments including office, library are major contributing in the paper waste generation. Followed by paper Plastic is secondary contributing solid waste generated in large quantity in the campus. Office staff is using one side papers for printing and writing. Biodegradable waste generated in campus is mostly from canteen, hostels and guest house kitchens. Glass waste is less contributing but it takes part in solid waste generation. Glass waste generated from laboratory mainly in the form of bottles, many times bottles are reuse for storing of other chemicals. Other glass waste is thrown with solid waste. The college have well established protocol to recycling and reuse of resources such as paper in the form of annual sale of stored newspapers and waste papers to scrap dealer. Very few departments are categorizing the plastic and sending it for

recycling. Metal scraps and waste is segregated separately and sent for recycling yearly. Canteen waste is collected and some biodegradable waste is treated with vermicomposting process. It was observed that e-wastes were collected but due for disposal with recycler. Wastes such as electronic peripherals and paper wastes are stored and later collected by the peon.

3.3 Electricity and Energy Audit

Major energy sources utilized include Solar Energy, Electricity and LPG. Major use of the energy is at office, hostel, laboratories, and library canteen and class rooms for lighting, transportation, cooking and laboratory work. Electricity is supplied to the campus by Maharashtra State Electricity Board. **They have made provision for generating energy from solar power.**

The NAAC Cell conducted an Energy Audit as a part of Green Audit.Prime aim of audit was to find a way of energy conservation. College use solar energy as conventional energy source. Hostels are covered under use of solar energy. It is documented that Placards and posters are displayed near electricity supply and rooms however it was nowhere to be seen during the walk through.The peon switched off all power supply in non-lecture hours and was confirmed during the site walk through visit. Lab In charge of all laboratories conveyed that electricity during nonworking hours are put to off. Different awareness programs were conducted for peons, staff and students.The college initiated to install CFL and LED bulbs in the college campus the initiative could be strengthened with help of action plan. The college targets to reduce electricity out of total electricity consumed in college as per the documents. This may be supported by maintaining proper relevant records and benchmarking the present consumption.

3.4 Water Conservation

For the purpose of water audit an on-site walk through survey and assessment was conducted to determine the efficiency of water use end to develop recommendations for improving water use efficiency. Overall agenda of conducting a water audit isto identify opportunities to make water use more efficient. Water audit includes tracking, assessing and validating all components of flow from distribution system into the consumer's properties. On the other hand, water audit of a campus review direction and quantity of water used for domestic, laboratory, drinking, gardening, sanitary and landscaping processes.

3.4.1 Drinking wateris provided on assessable place in the campus. Drinking water is regularly being tested for the water parameters according to prescribed BIS standards for drinking water. Toilets were checked for leakages and spillage. These toilets were checked at random and found to be maintained in leakages and spillage free. Although it is highly appreciated that the college has initiated **Rain Water Harvesting** on site. Student conducts water conservation drives inside the campus and also at public places.(Details are attached with annexure). College incited to reduce water consumption by raising awareness in students & staff members and having periodic check on leaks. There were no displays of signage or message for Good Practices in the College premises for Water Conservation. It is needed for the continuous highlight of the issue. The college incited to recycle and reuse the wash water of wash basin for gardening purposes as a future plan. The college also planning for the rain water harvesting system as conservation practices.

3.4.2 Waste Water Management

As a concern of waste water management college has installed Sewage Treatment Plant Separately.The latest fourth generation state-of-the-art aerobic biological treatment technology is offered.

3.5 Health and Hygiene

The college incited to promotes **Swatch Bharat Abhiyaan** by maintaining cleanliness on campus. It is well concentrated on housekeep. Toilets were checked for hygiene, leakages and spillage. These toilets were checked at random and found to be maintained in hygienic condition also students were found to be satisfied with hygiene level. It is documented that Sweeper cleans the floor and toilets regularly Swachh Bharat Abhiyaan are promoted by the students and staff.For a good hygiene practices college run following activities.

Campus as Oxygen Park

By covering maximum area under green cover i.e. under plantation college has been Oxygen Park for the human as well as birds and plants also. College campus works as an oxygen park because campus it provides good, fresh and non-contaminated air. Considering the conditions local people enjoying the campus ride at morning and evening time.

Illumination and ventilation

College buildings are more specious and class room and all other rooms are good ventilated. Natural illumination and ventilation is too good. There is no need of artificial ventilation and illumination.

Sanitation drive

College conducts sanitation drive, which motivated student and staff about the cleanliness practices and give them exposes for the voluntary work. College has appointed contractor for sanitation purpose.

Housekeeping/Pest control

College has adopted a good practice of housekeeping and pest control. Contract is given to third party for housekeeping and pest control and monitored regularly.

Awareness Campaign

As a part of health and hygiene practices college arranges different awareness camping on different dieses. As a routine activity Awareness campaign on Ebola, Zinka, SwineFlue were arranged.

3.6 Training and Awareness.

The college student's conducts street plays on various environmental, health and hygiene issues. Students with teaching and non-teaching staff actively participate to promote **Swachh Bharat Abhiyaan**. Time to Time College organizes the lectures on experts on the issue of environment and social responsibilities.

3.7 Corporate Social Responsibility (CSR)

College does not work as a typical educational institution; key aim of college is to percolate the knowledge at the lower line of the society without any expectation. Now days it is called as Corporate Social Responsibility (CSR) but same is the vision from their establishment and it is achieved locally via different educational institutions. By following ways college reaches to society or mass.

Summary and Audit findings

1. College takes efforts for solid waste management especially general waste by proper methods.
2. Recycling and reuse practice is followed strongly.
3. Solid waste and Biomedical waste is managed properly and appreciated
4. Electricity consumption is more and non-controllable at some departments.
5. Use of CFC and CFL lamps is minimum and is to be encouraged.
6. Toilets and bathrooms are consuming more water particularly at hostels.
7. Good watershed management program is implemented on campus.
8. Well adequate water filtration and Water treatment plants system are available.
9. E-waste segregation, handling and disposal should be done properly.
10. Good housekeeping is maintained throughout the premises.
11. Visual signage boards for generating awareness about conservation of water and electricity are found and displayed at prominentlocation.
12. Drinking water is currently tested for the water parameters according to prescribed standards.

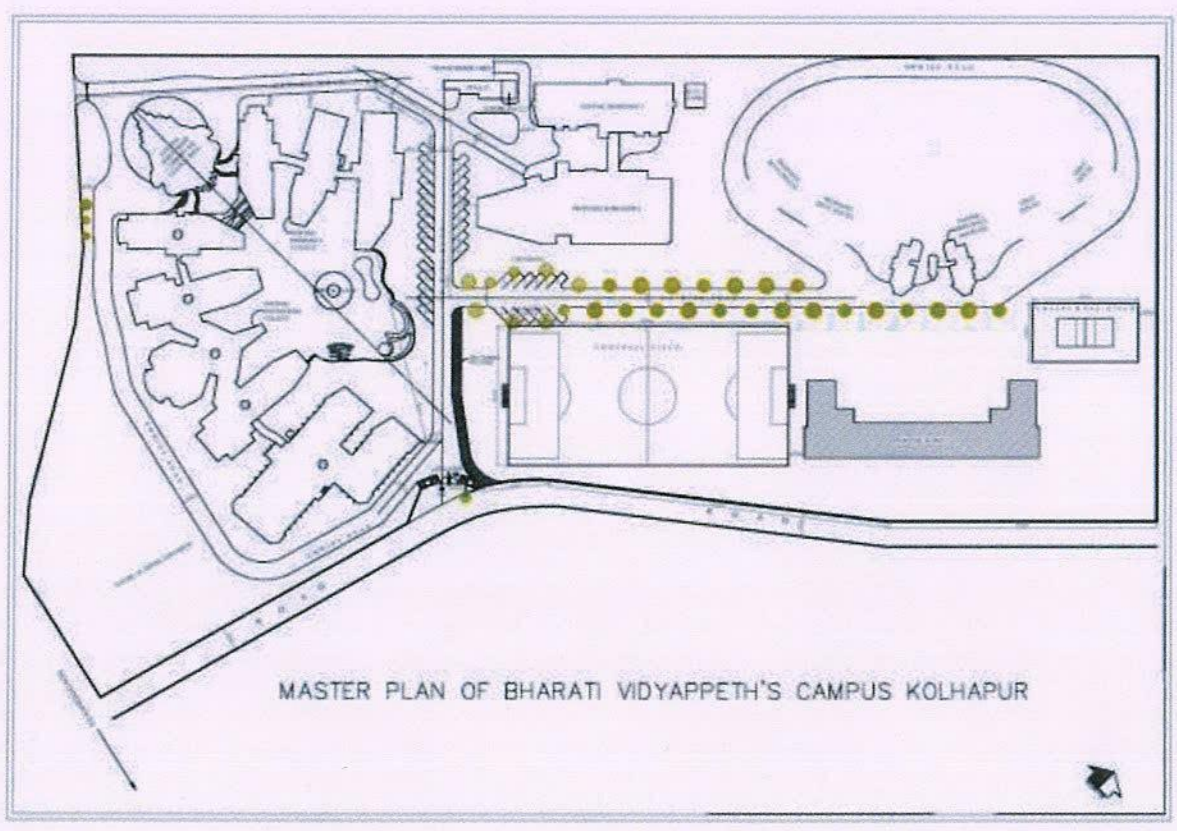
Recommendations

Following are some of the key recommendation for improving campus environment.

1. Vision Mission and Goal to be prepared for consumption & reuse of all natural resources with all the recommendations and current practice carried by institution.
2. The college should develop internal procedures to ensure its compliances with environmental issues.
3. Leakages and corrosion of pipes, overhead tanks be maintained timely and promptly.
4. The college should improve its monitoring and reporting system for water usage, electricity consumption etc.
5. The college should develop a segregation protocol for the segregation of different type of solid waste.
6. To achieve the target of reduction in electricity and water consumption, there should be proper documented management programs to achieve the same.
7. College should arrange special drive to check of PUC and should be made mandatory for students who use and park personal vehicles in the college premises.

ANNEXURES

Layout of Campus



Maintenance of the infrastructure

Maintenance of the infrastructure is undertaken by,

- **General Maintenance**
- **Electrical Maintenance**

- **General Maintenance**
  - It is sub-divided into – Plumbing, Carpentry, Welding, Mason, Maintenance of Sewer lines etc.
  - A total of 04 staff and 2 supervisors are working with general maintenance department.
  - This department is supervised one in charge.
  - The department maintenance College, Hostels, Central Library, Staff Quarters, Filtration Plant & Sewage Treatment Plant.

- **Electric Maintenance Department**
  - It consists of well qualified technical staff headed by Electrical Engineer.
  - There is AMC for generators, UPS, Vacuum Compressor in OT and air conditioning system which is supported by our team.
  - The Electric Maintenance department looks after over all preventive maintenance as well as break down maintenance.
  - The electric supply to the campus by High Tension line supported by 250 KVA diesel generator sets.
  - We maintain the power factor to save electricity for which we are been regularly awarded incentive by Maharashtra State Electric Board.

1. DRINKING WATER PLANT (D.W.T.P.)

- The plant having capacity of 200 LPH for Raw Water and Filtered Water each.
- **Source of Water** – Bore as well as well water lifted from Kandalgaon approximately 2 km from Bharati Vidyapeeth College Campus.

2. SEWAGE TREATMENT PLANT - (FAB SYSTEM)

PROCESS DESCRIPTION

The treatment scheme offered is aerobic biological extended aeration treatment using the fluidized media FAB process. Excess aerobic biological sludge generated will be thickened in the Hopper Bottom Secondary Clarifier and aerobically digested in a Sludge Tank and before disposal (by Client) using Sludge Tankers.

The treatment scheme proposed is split into three distinct parts:

1. **Pre-treatment,** this comprises of screening and oil and grease removal tank.
2. **Biological treatment** comprising of FAB fluidized media aeration followed by clarification.
3. **Tertiary treatment** comprising to chlorination with using the sodium hypochlorite and the filtration system using duel media filter and activated carbon filter.

Detailed description of each treatment step is given below:

2.1 PRE-TREATMENT

The raw sewage is collected through a 10 mm clear spacing Coarse Bar Screen in a Equalization tankand then pumped to the STP. The Bar Screens are made of steel bars, placed at equal intervals. The inclination of bars is kept such that manual rakingbecomes easy. Manual removal of large foreign objects trapped in the Bar Screen will be carried out by the Client so as to protect downstream pipelines/ pumps from choking.

The Equalization tank will be provided with a coarse air bubble diffuser for aeration so as to prevent bad odors. Raw sewage will be pumped from the Equalization Tank through Raw Sewage Transfer Pumps to the Inlet (flange) of the Package Sewage Plant.

2.2 BIOLOGICAL TREATMENT

The organic pollutants in the raw sewage are measured in the form of Bio-chemical Oxygen Demand (BOD) and Chemical Oxygen Demand (COD). Aerobic bacteria bio-degrade the organic pollutants present in domestic sewage to harmless by-products such as water and carbon dioxide as well as to additional bacterial biomass which has to be disposed off as sludge.

Aerobic biological treatment using the 'FAB' fluidized media technology is carried out in the Sewage Treatment Plant. The STP consists of an Aeration Tank, a Hopper Bottom Secondary Clarifier, and a Sludge Tank. The Aeration Tank is divided in to two nos. compartment having the equal volume. Each compartment if fitted with corrugated polypropylene media. Aerobic bacteria will attach on to the corrugated media surface thereby allowing a large bacterial concentration to be maintained in the Aeration Tank. Air Blowers are provided to supply air through an underwater piping grid and fine air bubble membrane diffusers. The fine air bubble diffused aeration system provided will ensure dissolved oxygen supply to the aerobic bacteria in the Aeration Tank. The media is made of small plastic elements. Due to constant aeration, the media is set in whirling motion, so that continuous mixing takes place.

The Aeration Tank will be provided with a drain line with valve to empty the tank as required. The drain point will be protected by a SS 304 wire mesh having mesh size 10 mm to prevent any media loss while draining the Aeration Tank.
Aerated sewage will overflow to a Hopper Bottom Secondary Clarifier through a SS 304 Screen having clear spacing 10 mm to prevent overflow of media into the Clarifier. The Client will arrange to clean the Screen periodically with a rake to avoid choking due to bacterial growth. The Hopper Bottom Secondary Clarifier will be equipped with tube settler media. Tube settlers effectively increase the clarification plan area available by a factor of 6-7.
The MBBR fluidized media technology does NOT require any recycle of settled sludge from the Secondary Clarifier back to the Aeration Tank. The settled sludge can therefore collect and thicken in the Hopper Bottom of the Secondary Clarifier over time. An air lift pump arrangement will be provided to transfer the settled sludge from the Hopper Bottom of the Secondary Clarifier to the Sludge Tank intermittently as required.
The Sludge Tank will be provided with a coarse air bubble diffuser for aeration and aerobic digestion of the thickened waste activated sludge. Aerobic digestion of the waste activated sludge ensures that the sludge will be free of bad smell. The aerobically digested sludge can be wasted as required using an airlift pump arrangement to a Sludge Tanker (to be arranged by Client) for final disposal. Supernatant from the Sludge Tank will overflow by gravity back to the Aeration Tank.

2.3 TERTIARY TREATMENT

The treated sewage is collected in a Chlorine Contact Tank/ Pressure Filter Feed Sump. Sodium hypochlorite is added to treated sewage to kill the pathogens/ E-Coli bacteria. For Sodium hypochlorite, A Storage tank in installed on the chlorine contact tank and one metering pump is given for dosing the sodium hypochlorite solution. The treated sewage is then pumped through a Dual Media Pressure Filter and an Activated Carbon Filter.
Filtered sewage is stored in filtered water tank. Filter water from the filtered water holding tank will be used for backwashing of DMF and ACF. A common suction line is provided to filter feed pump from filtered water tank.
After tertiary treatment, the sewage can be reused for gardening, horticulture, flushing, floor washing, cooling water supply or disposed of suitably by the Client.
The tertiary treated sewage will be free of E. coli and pathogenic bacteria.


SEWAGE DISPOSAL
SYSTEM

3. Green Campus:

- College maintain a lush green campus.
- There are more than 300 trees and lawns of 500 sqmt.
- We have also maintained 1000 garden pots.
- We have maintained diverse flora with fruit bearing, flowering and ornamental plants.
- We have developed nursery for nurturing saplings. We are also outsourcing these garden pots to other institutes.
- Water is supplied through drip irrigation, sprinklers and gun method.
- All the water required for the gardening is recycled water from STP plant.
- We practice composting of garden waste.
- The garden facility is maintained by 4 gardeners, 1 supervisor and headed by environmental engineer.

4. Solar water heating system :

- Solar water heating system of flat plate collector type of total 5000 litre capacity is installed in the campus. This provides hot water facility to all the hostels and laboratory.
- It is eco-friendly system which helps in reducing use of electricity and other conventional fuels.

It is maintained through AMC with professional service provider

5. Water Softener Plant:

- College have installed a 100 CMD capacity water softener along with three reverse osmosis plants: 2 for college & hostel, 1 for office staff.
- Total capacity is 500 litres of water.
- The water from main water purification plant undergoes reverse osmosis and ultraviolet treatment to provide the quality of packaged water.

6. Fire Safety:

- College have installed various types of fire extinguishers at various locations, certified by external agency authorised by fire department of Municipal Corporation.
- The system consists of 16 Nos of various types & capacities.
- There are ample and easily accessible fire alarms and fire extinguishers.
- The fire extinguishers are well displayed in each building.
- External agency is employed for regular maintenance of fire extinguishers and water pumps.
- Regular maintenance is looked after by well-trained personnel.

SURVEY DETAILS

A SIMPLE PROFORMA FOR GREEN AUDIT

Bharati Vidyapeeth College of Engineering, Kolhapur.

The University as well as its constituent colleges may monitor the environmental conditions in the respective institutes and campuses from various angles that are relevant to Indian requirements, without stress on legal issues or compliance. They should answer a series of questions on a regular basis regarding environmental conditions in their respective units. This innovative scheme, developed by the P. R. Environmental Education Centre, Chennai, is simple and user-friendly. This environmental monitoring system helps the institution to set environmental examples for the community and to educate young learners. It can be adapted to urban and / or rural situations.

The broad aims/benefits of the eco-auditing scheme would be

- Environmental education through systematic environmental management
- Improving environmental standards
- Benchmarking for environmental protection initiatives
- Reduction in resource use
- Financial savings through a reduction in resource use
- Curriculum enrichment through practical experience
- Development of ownership, personal and social responsibility for the college/ institute and its environment
- Enhancement of college/ institute profile
- Developing an environmental ethic and value systems in young people
- The areas of eco auditing to be followed / practiced by participating institutions:

  A. Waste Minimisation and Recycling

  B. Greening

  C. Energy Conservation

  D. Water Conservation

  E. Animal Welfare

The principals/ directors are requested to fill the following simple questionnaire for the period 2021-22.

1) What is the total strength of students and teachers in your College/ Institute?

   Total no. of Students: 684. No. of Teachers: 170

2) Which of the following are available in your college/ institute?

   i) Garden area - Available

   ii) Playground - Available

iii) Kitchen - Available

iv) Toilets (number) - 26

v) Garbage dump (number) - 01

vi) Laboratory – Available

vii) Canteen - Available

viii) Others (specify)- NA

3) Which of the following are found near your college/ institute? Mark the level of disturbance it creates for the college/ institute in a scale of 1 to 9.

i) Municipal dump yard – NA

ii) Garbage heap – NA

iii) Public conveyance – 2

iv) Sewer line – NA

v) Stagnant water – NA

vi) Open drainage – NA

vii) Industry – (Mention the type) – 2

viii) Bus / Railway station – 1

ix) Market / Shopping complex / Public halls – NA

I - WASTE

1. Do your college/ institute generate any waste? If so, what are they? –

   General waste from canteen & office.

   Yes, our college/ institute generate general waste i.e paper & canteen waste.

2. What is the approximate amount of waste generated per day? (Please put ✓ mark in the table below at appropriate places.)

Approximately	Bio-degradable	Non-bio-degradable	Hazardous	Others
Less than one kg.			NA	
Between 1 and 10 kg.	06	03		
More than 10kg	√	√	√	

3. How is the waste generated in the college/ institute managed By?

Composting	Garden waste is decomposed by vermin culture and composting procedure.
Recycling	Waste sewage water is recycled daily 50 m^3. It is used for garden & plantation.
Reusing	Reuse of waste water by operating STP plants.
Others (specify)	NA

4. How many separate boxes do you think you would need to put into a classroom to start a waste segregation and recycling campaign?

   A. Waste segregation in college is done through as per wastemanagement& handling rules 1989 in that 3 colour codes are used for segregation of waste. These codes are Yellow, Green, Red.

   B. In classroom two dust bins one for recyclable waste and other for non-recyclable waste are required to start waste segregation and recycling campaign.

5. What would each be used for? (Develop a colour code with reasons)

   A. College: As per waste management & handling rules 1989.

   i) **Yellow**: Paper waste, cotton,etc.
   ii) **Green**: General waste from garden and canteen
   iii) **Red**: laboratory waste, solid & liquid waste

   B. Classrooms, hostels and residential area:

   Two: Green for recyclable waste and Black for organic waste.

6. Do you use recycled paper in college/ institute?

   Yes we use recycled paper in our college.

7. How would you spread the message of recycling to others in the community?

   Our students during their community outreach activities communicate and educate the people regarding importance of recycling.

8. Have you taken any initiatives? If yes, please specify.

   We have started to sensitize the staff & students with importance of recycling.

9. Can you achieve zero garbage in your college/ institute? If yes, how?

   Currently it is very difficult given the limitations of availability of infrastructure and cost constraints. However it is definitely a goal of the institute to achieve zero garbage in future.

II - GREENING THECAMPUS:

1. Is there a garden in your college/ institute? List the plants there, with approx. numbers of each species. –

   Yes, approximately 340 plants including all varieties.

Sr. No.	Name of Plants and Trees	Quantity
1	Bahuniablakeana	126
2	Cordiasebestena	27
3	Cassia nodusa	32
4	Anthocephaluschinesis	18
5	Wodyetia bifurcate	19
6	Milligtoniahortensis	36
7	Filiciumdecipiens	20
8	Allistemonforgate	14
9	Brassiaactinophylla	4
10	Plumeriarubra	20
11	Azadirachtaindica	24
Total		**340**

2. Suggest plants for your campus. (Trees, vegetables, herbs, etc.) – Medicinal trees, Forest trees, fruit trees & shrubs.

   We are planning to plant Ayurvedic Medicinal Plants like Brahmi, Ashwagandha, Bael, Nirgundi, etc.

3. List the species planted by the students, with numbers. :

   50 Cocosnucifera plants were planted by the students at the time of "**Vruksha Dindi Abhiyan".**

III - ENERGY

1. List the ways that you use energy in your college/ institute. (Electricity, LPG, others). Using this list, try to think of ways that you could use less energy every day.

Sr. No.	Ways you use energy	Ways that you could use less energy
1	Electricity: Illumination, Ventilation, all electric equipment.	Use of these electric appliances and instruments judiciously.
2	LPG: Cooking, experiments	Using only when absolutely necessary and using along with appliances designed to reduce the energy expenditure.
3	Diesel / Petrol	Proper maintenance and judicious use of vehicles.
4	Solar water heaters	Increase the use to conserve non-renewable.

2. Are there any energy saving methods employed in your college/ institute? If yes, please specify and suggest more. If no, suggest some.

   Employee and students are instructed and educated to use electricity judiciously and avoid wastage. Newer, energy efficient appliances like LED bulbs, LED TVs, Energy efficient refrigerators etc. are gradually inducted in day to day use replace conventional appliances. Impetus is given to utilization of solar energy in the form of solar heaters. The institute plans to use solar cells for production of energy.

3. How much is the monthly expenditure of your college/ institute on energy such as electricity, gas, etc.

Month	Expenditure on Electricity Bill	Expenditure on Gas	Expenditure on Generator (Rs/M)
January 2021	170655.00	---	12000.00
February 2021	159950.00		12000.00
March 2021	193745.00		12000.00
April 2021	198691.00		12000.00
May 2021	169035.00		12000.00
June 2021	190820.00		12000.00
July 2021	190815.00		12000.00
August 2021	190608.00		12000.00
Sept. 2021	186314.00		12000.00
October 2021	196369.00		12000.00
November 2021	217818.00		12000.00
December 2021	228422.00	---	12000.00
Total	**18,54,640.00**		**1,44,000.00**

4. What is the percentage of CFL bulbs has your college/ institute installed? If the percentage is less what are the reasons?

   The percentage of CFL bulbs is 15%. The reason behind the low usage is necessity of proper uncompromised illumination for college. However we are planning to increase use of high capacity LED bulbs in future.

5. Are any alternative energy sources employed / installed in your college/ institute? (Photovoltaic cells for solar energy, windmill, and energy efficient stoves, etc.)

Solar water heaters are used for providing hot water. Similar we have photovoltaic cell employed for street lights. We plan to expand use the photo-voltaic cells for energy production.

6. Do you run "switch off" drills at college/ institute? What is the effect of such drills?

   Yes and also we have advisory regarding the same displayed at various places. It has helped creating awareness and thus decreasing wastage of electricity in the institute.

7. What percentage of computers and other equipment's in your college/ institute are usually put on power-saving mode?

   Almost all the computers and majority of equipment with the facility of power-saving mode are usually put on power-saving mode.

   All the staff members are instructed for the same.

8. Does your machinery (TV, AC, Computer, weighing balance, printers, etc.) run on standby modes most of the time? If yes, how many hours?

   Standby mode is used on the machinery only if is utmost necessary and related to patient care or else the machinery are switched off if not in use.

IV - WATER CONSERVATION

1. List four uses of water in your college/ institute.
   i. Drinking
   ii. Laboratory
   iii. Washing
   iv. Gardening

2. How do your college/ institute store water? Are there any water saving techniques followed in your college/ institute? What are they?

   Yes, the college has a water storage facility. Our institute give conservation of water an utmost importance.

   i. We had incorporated a culture of water preservation by educating the staff and students its importance and methods.
   ii. We have installed a state of the art water purification plant which ensures availability of pure & safe water with least amount of wastage during the process.
   iii. The integrity of plumbing is constantly ensured and vigilance is constantly maintained to mend any leaks.
   iv. We have an efficient sewage water treatment plant. We recycle the waste water, and this water is used for gardening and plantation in the campus. Thus we ensure that nearly 50000 litres water is reused per day.
   v. Gardening is done using drip and sprinkler irrigation.

3. If there is water wastage, specify why?

   Although we had strived to ensure to eliminate water wastage but some waste is inevitable due to,

   i. Non-compliance to water saving techniques by the beneficiaries especially illiterate patients.

   ii. Some machinery requires excess water to control the temperature rise during functioning.

4. How can the wastage be prevented / stopped?

   i. Educating to all the stakeholders for judicious use of water.

   ii. Strong vigilance on leaking areas through the plumbing & maintenance.

5. Write down four ways that could reduce the amount of water used in your college/ institute.

   i. Use of the modern equipment's requiring less amount of the water for functioning.

   ii. Expansion of capacity of water treatment plant as well as improving the quality of output from the treatment plant, rendering it potable.

   iii. Use of chemical cleaning instead of water cleaning.

   iv. Use of automatic taps.

6. What is the average consumption of water (in kilo-liters) per month?

   Nearly 15000000 kilo – liters per month.

7. Does your college/ institute harvest rain water? If yes, how many rain water harvesting units are there?

   Yes, all the buildings in the campus are equipped with rain water harvesting units.

VI - GENERAL

1. Are you aware of any Environmental Laws pertaining to different aspects of environmental management?

   i. Hazardous Waste Management and Handling Rules – 1989.

   ii. Air Pollution &Prevention Act – 1981

   iii. Water Pollution &Prevention Act – 1974.

2. Does your college/ institute have any rules to protect the environment? List possible rules you could include.

   i. Our college abides to the rules & regulations under the hazardous waste management and handling Act – 1989

3. How does the college/ institute bring environment awareness among stakeholders of the college/ institute?

   The institute imparts Environmental Awareness Education to the teachers and the students by informal communication, posters and guest lectures by imminent authorities.

VII. PROVIDE ANY OTHER SIGNIFICANT INFORMATION.

NA

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR

ENERGY AUDIT REPORT

SEPTEMBER-2022

Upendra Deuskar & Associates, Kolhapur
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Date-30-09-2022

TO WHOSOEVER IT MAY CONCERN

This is to certify that we had carried out the Energy & Water Audit in the Bharati Vidyapeeth's College of Engineering at Morewadi, Kolhapur.

It was observed that client already have installed energy efficient equipment in their premise. Most of energy efficiency improvement work has been already done by client; which shows their positive approach to energy efficiency and sustainability.

Our Observations & Recommendations are summarised as below-

Energy saving and sustainability improvement measures undertaken by college management are as follows.

1. **Replacement of Fluorescent Tube Lights (FTL) with LED Tube Lights**
2. **Installation of solar PV rooftop for renewable energy generation& reduction in carbon emission**
3. **College building designed to minimize energy required for lighting& HVAC needs**

Recommendations for further energy savings are as follows-

1. **Replace degraded and faulty capacitors to maintain unity power factor**
2. **Choose energy efficient pumps for future pump replacement or installations**
3. **Consider strainer cleaning on every six months of pumps (or as a part routine maintenance)**

Yours truly,

UPENDRA G. DEUSKAR
BEE Certified Energy Auditor.
Regn. No.- EA - 1674

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i. Acknowledgement

We are grateful to the management of Bharati Vidyapeeth College of Engineering, Morewadi, Kolhapur (Client) for giving us an opportunity to contribute in their efforts towards efficient energy management by undertaking this Energy Audit exercise.

We team of Upendra Deuskar & Associates acknowledges with thanks the co-operation and support extended by management and operating personnel from client side during the audit exercise. Detailed discussions and interaction were held with plant personnel throughout the course of the audit and awareness of energy conservation was noted as exemplary. We would also like to place on record our sincere thanks and appreciation for all plant executives.

We are also thankful to the other staff members who were actively involved while collecting the data and conducting the field studies. We take this opportunity to also thank all the team members at various departments associated with this study of energy audit for extending cooperation during collection of on-site data.

We trust that the findings of this study will help college facility management in improving the equipment performance thereby giving optimum energy consumption at the premise.

ii. Energy Audit Team

Upendra Deuskar &	Mr. Upendra Deuskar (BEE Certified Energy Auditor)
Associates	Mr. Gaurav Ghewade (BEE Certified Energy Auditor)
	Mr. Ajay Toraskar
Bharati Vidyapeeth	Mr. Rahul Kadam - Administrative Officer
College of Engineering	Dr. Vijay R. Ghorpade - Principal
	Mr. Sachin Patil - OS
	Mr. Lad-Site Engineer
	Mr. Abhinav Patil - Electrician
Date of Audit	20thSep, 2022

iii. Instruments

1. Power Quality Analyser
2. Ultrasonic Flow meter
3. Thermal Imager
4. Temperature – RH logger
5. Lux Meter
6. Power Clamp Meter
7. Measuring Tape

iv. Executive Summary

Client already have installed energy efficient equipment in their premise. Most of energy efficiency improvement work has been already done by client which shows their positive approach to energy efficiency and sustainability.

Observations & Recommendations are summarised below.

Energy saving and sustainability improvement measures undertaken by college management are as follows.

1. **Replacement of Fluorescent Tube Lights (FTL) with LED Tube Lights**
2. **Installation of solar PV rooftop for renewable energy generation & reduction in carbon emission**
3. **College building designed to minimize energy required for lighting & HVAC needs**

Recommendations for further energy savings are as follows

Most of the energy efficiency improvement work has been already done by client in their premise. There is less scope remains in energy efficiency improvement, recommendations for the further improvement in energy efficiency and power quality areas are listed below.

1. **Install Energy Efficient ceiling fans**
2. **Replace degraded and faulty capacitors for unit power factor**
3. **Install aerators for water and energy savings**
4. **Choose energy efficient pumps for future pump replacement or installations**
5. **Consider strainer cleaning on every six months (or as a part routine maintenance)**
6. **Maintain sufficient moisture in earth pits and do annual checking of earth resistance value for all earth pits**

UPENDRA G. DEUSKAR
For Upendra Deuskar & Associates
KOLHAPUR.

1 Introduction

1.1 General Description of Facility

Bharati Vidyapeeth College of Engineering, Kolhapur (Client) is located at Morewadi, in Kolhapur District of Maharashtra, India. The college was established in the year 2001. The campus is located at a distance of 10 km from the central bus stand, 2 km from the airport and 9 km from the Railway station. The campus occupies 10 acres of land with a beautiful landscape and all other amenities. Since the institute is located at the outskirts of Kolhapur city, it is completely pollution free and therefore provides a good teaching learning environment.

The institute runs four branches viz. Computer Science and Engineering, Electronics and Telecommunication Engineering, Mechanical Engineering and Civil Engineering. The college is designed and constructed from renowned Architects and Civil Engineers such that it takes care of all the environmental artifacts like, water harvesting, aerodynamic building structures, solar heaters etc. and according to the standards and norms set by All India Council for Technical Education. The workshop facility is constructed away from the classrooms so that teaching process doesn't get disturbed. An entire building is erected consisting of only classrooms and also dedicated buildings are provided for every branch. There is a state-of-the-art, acoustically designed central auditorium which is used for various events like seminars, workshops, conferences, cultural programmes etc. The college also has the following departments / committees which work consistently for the development of students.

1.2 Objectives

- To undertake an energy audit so as to identify areas for energy saving, both without and with investment.
- To prioritize distinct areas identified for energy savings depending upon saving potential, skills, and time frame for execution, investment cost, paybacks etc.

1.3 Scope of Work

- To correlate monthly data of production with electricity, fuels & water consumption, for a period of 12 months of normal operation to establish bench mark values for energy consumption.
- To study electrical energy metering, monitoring and control system existing at the plant and to recommend a suitable system for future monitoring.
- To study monthly power factor, maximum demand, working hours, load factor etc. for the reference period along with monthly electricity consumption and establish scope for MD control through possible optimization of load factor and through detailed load management study.
- Based on above, to evaluate the possibility of replacing major motors with energy efficient motors. To provide cost benefit analysis for the replacement policy.
- To study existing requirements of energy provisions at present locations and to identify distinct possibilities of rationalization / savings.
- To study existing maintenance practices for utility systems and recommend areas for improvement in energy efficiency / savings.
- To identify, evaluate and priorities energy saving opportunities into short, mid and long-term time spans depending upon investments, quantum of savings, skills and time required for implementation, etc.
- To prepare draft energy audit report, present to management, undertake necessary modifications based on presentation meeting and submit the final report.

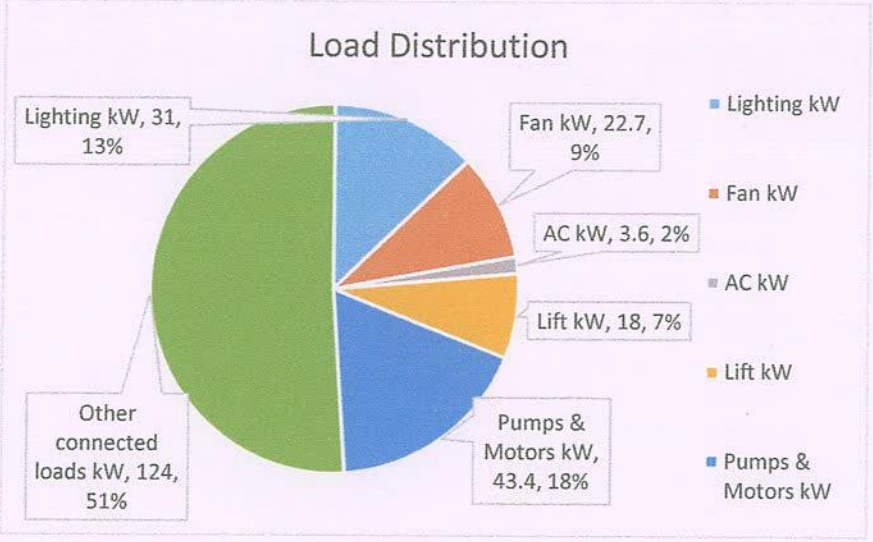
1.4 Electricity Consumption

Client is receiving electricity supply from Maharashtra State Electricity Distribution Company Limited (MSEDCL) with Transformer installation of 11 KV/433 V, 315 KVA & Contract Demand of 210 KVA. Following table represents bill analysis for last 12 months energy use of the plant.

Table 1 Bill Analysis – Last 12 months

Month	Billed Demand	Highest Recorded MD	Energy Consumption		Power Factor	Demand Charges	Energy Charges	Total Current Bill
	kVA	kVA	kWh	kVAh		Rs.	Rs.	Rs.
Jul-22	137	59	7007	7187	0.98	62198	64396	170041
Jun-22	137	71	9182	9294	0.99	62198	83274	202891
May-22	137	55	2105	2150	0.98	62198	19264	103761
Apr-22	137	47	2005	2063	0.97	62198	18485	102605
Mar-22	126	53	2010	2064	0.97	54432	19009	93871
Feb-22	126	50	5532	5633	0.98	54432	51880	129784
Jan-22	126	56	12298	12576	0.98	54432	115825	215183
Dec-21	126	57	13414	13680	0.98	54432	125992	228422
Nov-21	126	59	12525	12788	0.98	54432	117777	217818
Oct-21	126	54	10874	11033	0.99	54432	101614	196369
Sep-21	126	47	9933	10149	0.98	54432	193472	186314
Aug-21	126	35	10347	10546	0.98	54432	97129	190608
Total	-	-	**97,232**	**99,163**	-	-	**1,008,117**	**2,037,666**
Average	**130**	**54**	**8,103**	**8,264**	**0.98**	**57,021**	**84,010**	**169,806**

Load distribution for the college premise is represented below.



Pie Chart 1 Load Distribution

Energy consumption, PF, MD recorded, billed demand, Excess Demand charges, PF penalty trends are represented in graphical format as below.

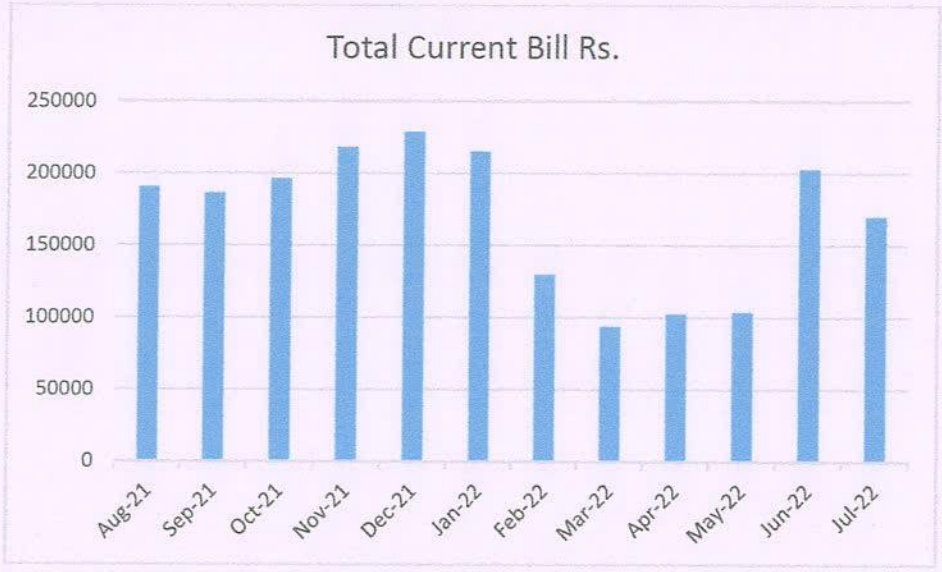


Figure 1. Electricity Bill Trend

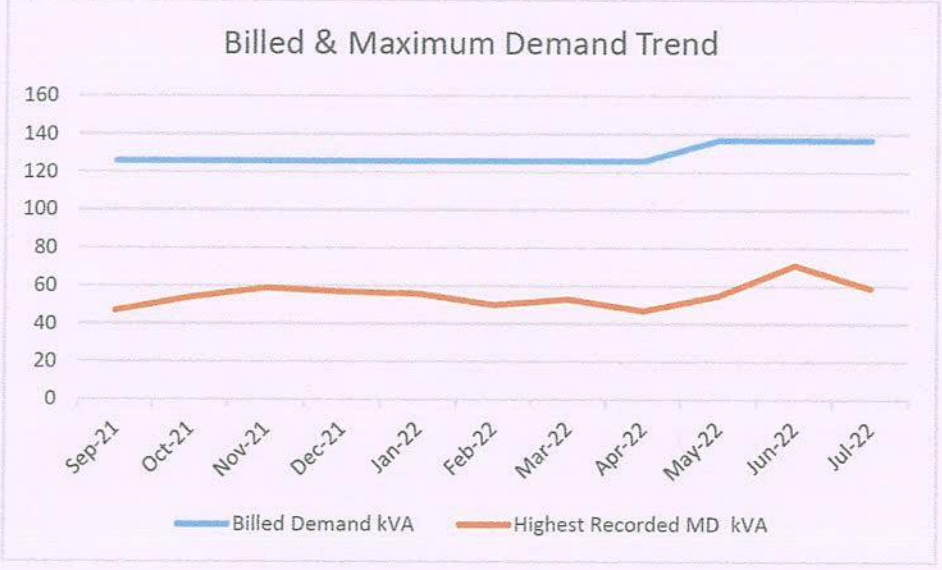


Figure 2 .Recorded Demand & Billed Demand

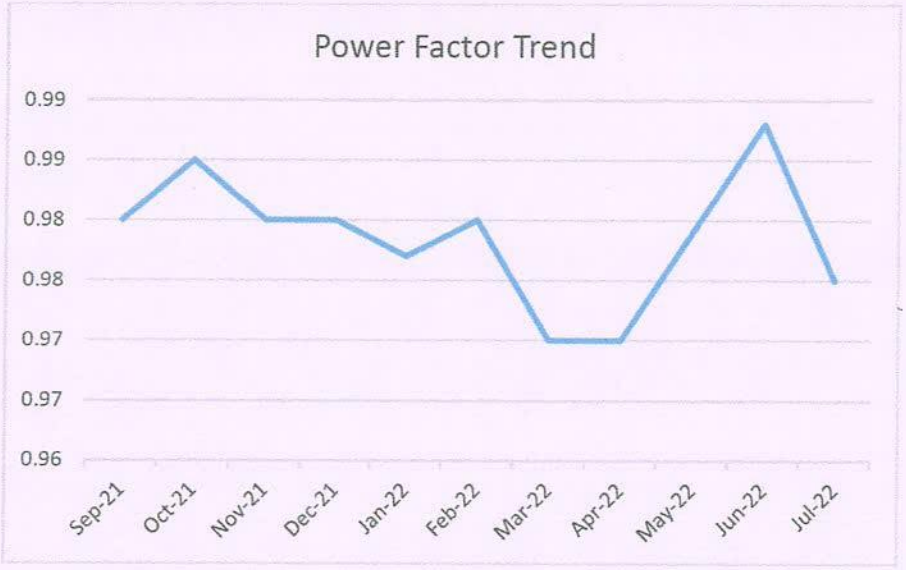


Figure 3 PF Trend

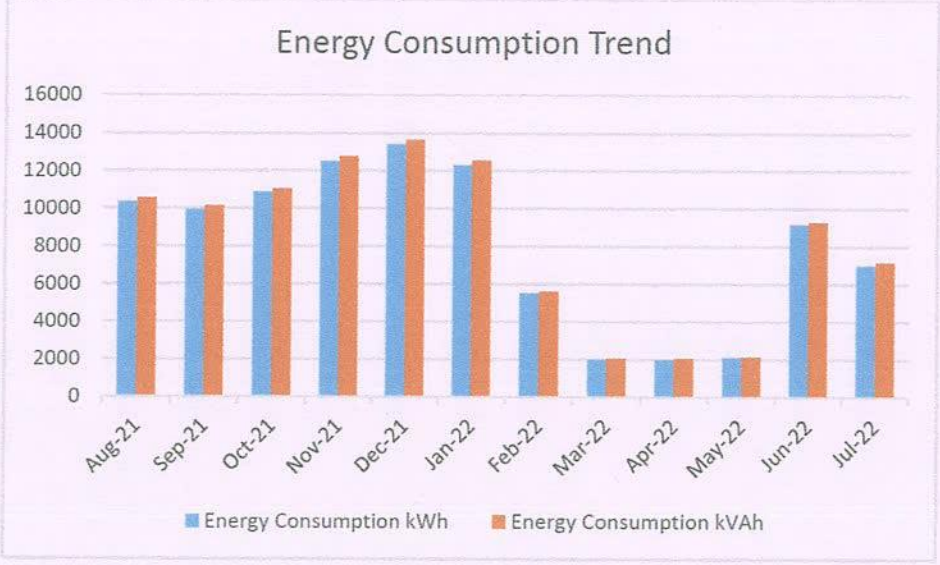


Figure 4 Energy Consumption Trend

1.5 Transformer

Client has one transformer of 315 kVA capacity. 11 kV supply provided by MSEDCL express feeder which then stepped down to 415 V for supply to the college buildings and utility area.

Voltage, Current, Power and power factor profile with other electrical measurements were carried out at the main incomer coming of installed Transformer using a Power Quality Analyser. The profiles for the same are given below.

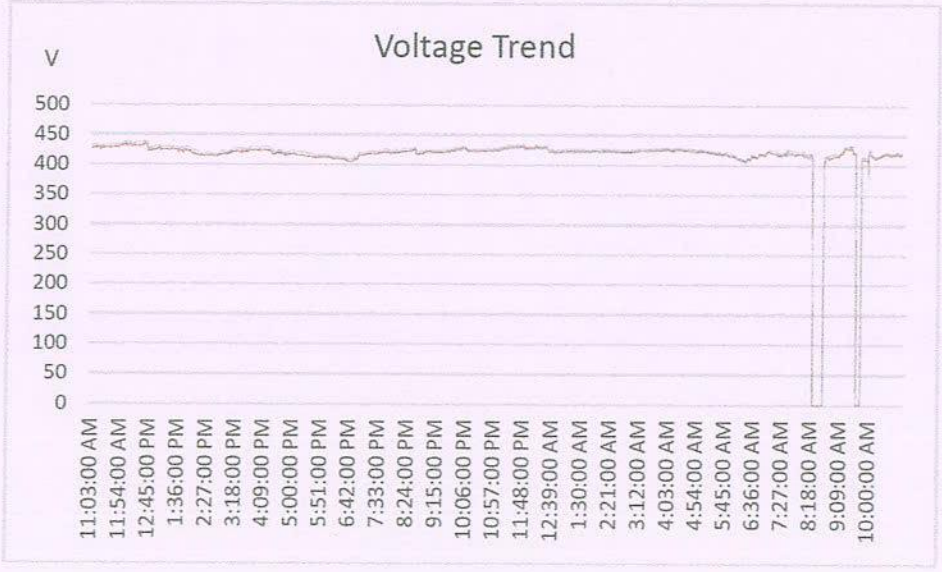


Figure5. Main Incomer Voltage Profile

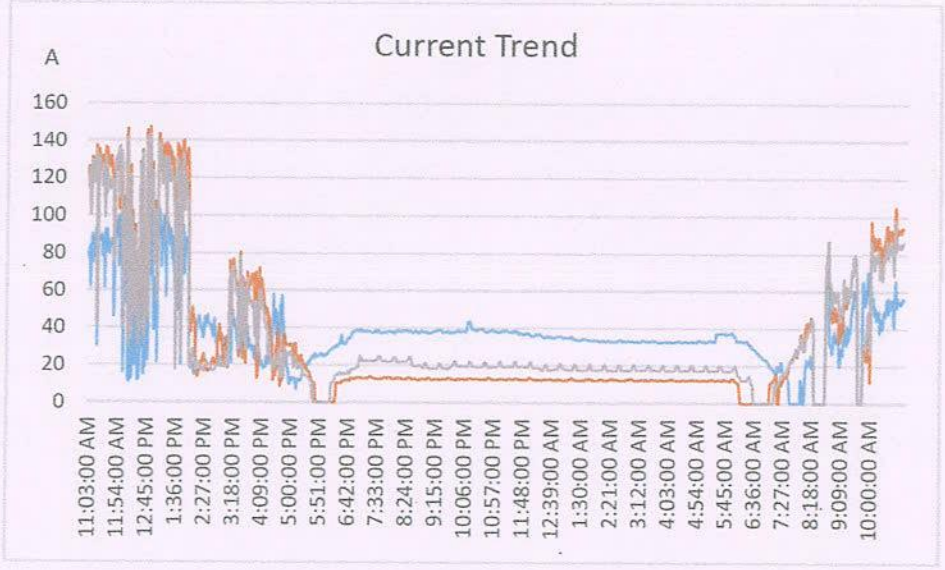


Figure6. Main Incomer Current Profile

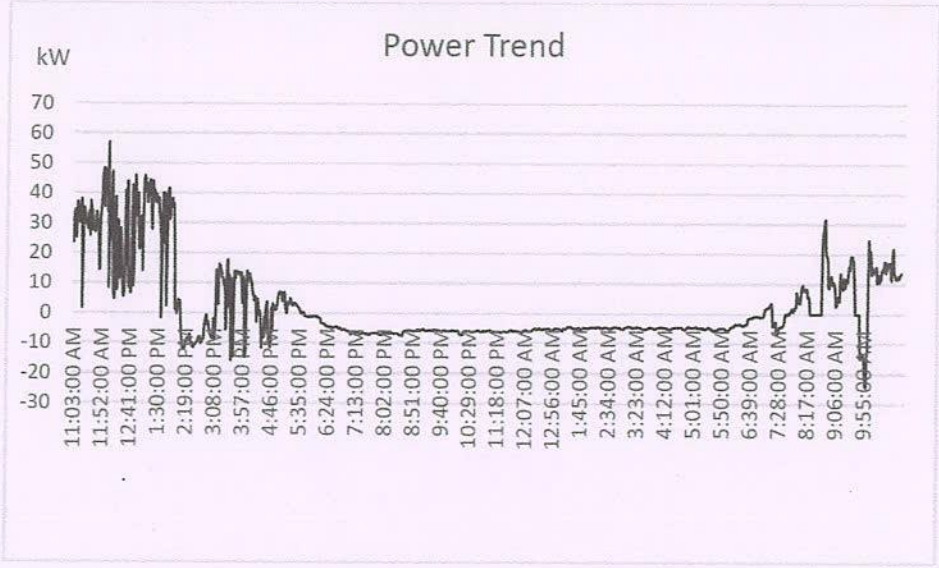


Figure7. Main Incomer Power Consumption Profile – kW

Figure 8 Main Incomer Power Consumption Profile – kVA

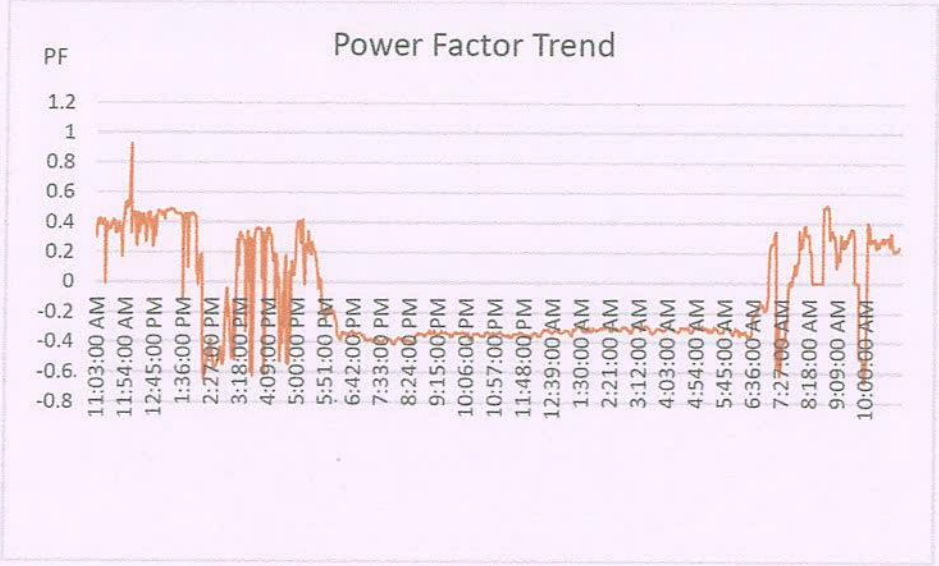


Figure9. Main Incomer Power Factor Profile

Observations:

- It is observed that negative PF occurring and the issue need to be resolved on immediate basis.

Cause:

- Negative power factor occurs when electrical power generated from the load and flows back towards the source.
- Another reason for occurring negative power factor is when in an electrical circuit both inductive and capacitive load is connected. In this case, if the reactive part of the consuming power is more capacitive than inductive.

Effects:

- Negative Power Factor causes the terminal voltage across the load to rise above its open circuit value. This may damage the voltage-sensitive load.
- Negative power factor can damage the power generating devices such as solar panels, generators, etc.

Improvement:

- As there are two reasons for the occurring negative power factor, there also two methods for improvement.
  1. If the negative power factor occurs due to power flow in the opposite direction, then it should be stopped. A PN Junction diode can be used to stop power flow in reverse direction.
  2. Another way to improve the negative power factor is, controlling reactive power. If the power factor is lagging then it is to be added to the load to compensate for the power factor. If the power factor is leading then reactive power is to be absorbed.

1.6 Harmonics Study

Harmonic of a wave is the wave which has frequency as the positive integer multiple of the frequency of the original wave, known as the fundamental frequency.

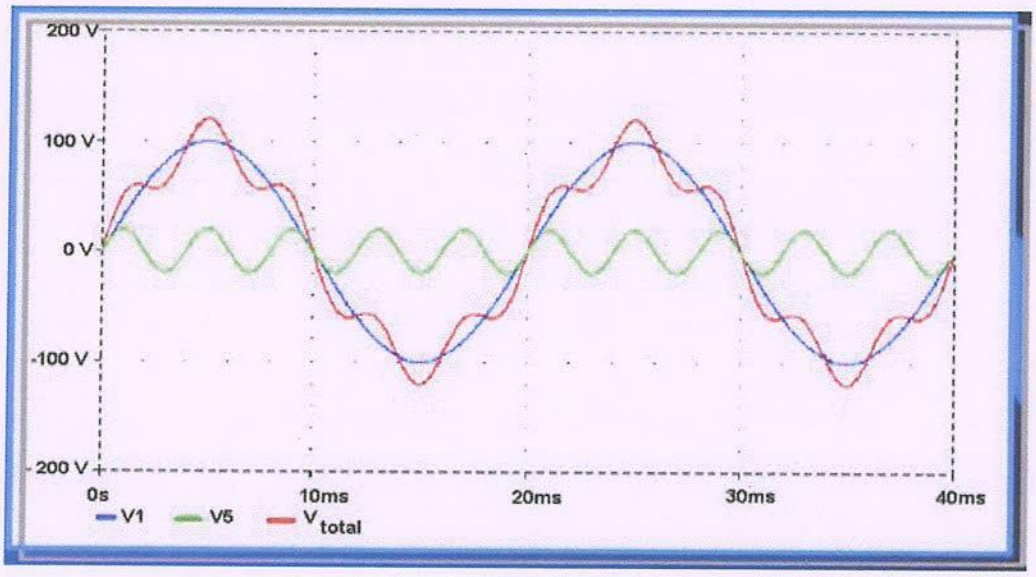
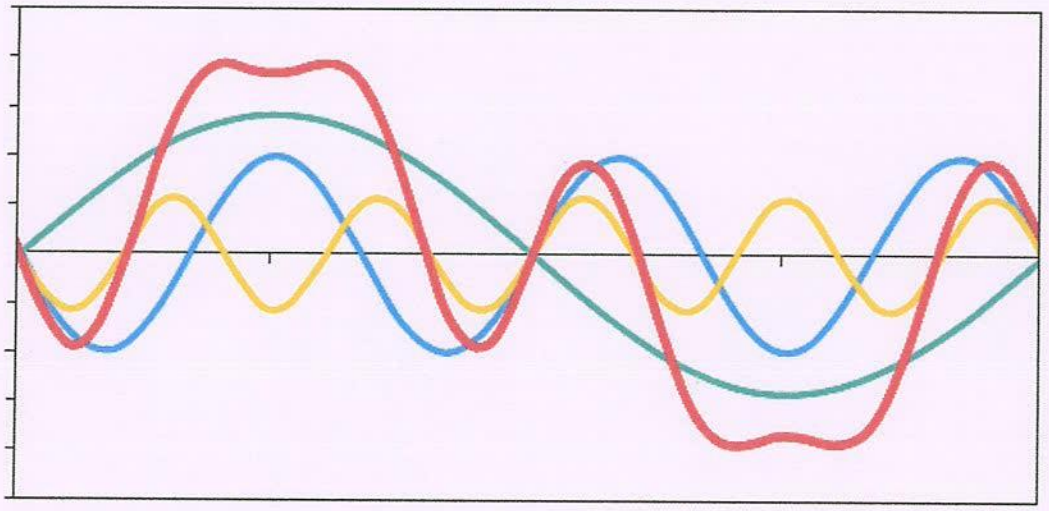


Figure10. Harmonics



V_1 –1st Harmonic (Fundamental wave)

V_3 – 3rd harmonic

V_5 –5th Harmonic

V total – Resultant Wave form

Figure11. Harmonics Generation

Electrical loads can be classified as linear and non-linear loads. A linear load is one, which draws a sinusoidal current when subjected to sinusoidal voltage. The current wave may or may not have a phase difference with respect to the voltage. A pure resistance, inductance or capacitance or any combination of these forms a linear load. On the contrary, a non-linear load is one, which draws non-sinusoidal or pulsating current when subjected to sinusoidal voltage.

Any non-sinusoidal current can be mathematically resolved into a series of sinusoidal components (Fourier series). The first component is called as fundamental and the remaining components whose frequencies are integral multiples of the fundamental frequency are known as harmonics. If the fundamental frequency is 50 Hz, then 2nd harmonic will have a frequency of 100Hz and the 3rd will have 150Hz and so on.

Non-linear loads that draw current in abrupt pulses rather than a smooth sinusoidal manner create harmonics. The pulses of current cause distorted current wave shape, which in turn cause harmonic currents to flow back into other parts of the power system.

1.6.1 Voltage Harmonics

Main reason for voltage harmonics is current harmonics. The voltage wave form from voltage source is distorted by the current harmonics due to source impedance. Larger the source impedance, higher will be the voltage harmonics caused by current harmonics. It is typically the case that voltage harmonics are indeed small compared to current harmonics.
Thus, harmonic voltage can be defined as the product of harmonic current and source impedance at the harmonic frequency.
The source impedance includes the Impedance of the power source (Transformer, Generator, and Grid etc.), Impedance of the Bus bars, Cables, Switchgears and other loads in the network.
Following are some of the non-linear loads, which generate harmonics:

- Static power converters and rectification circuits, which are used in ups, battery chargers, etc.
- Power electronics drivers for motor controls (AC/DC) drives.
- Computers
- Television receivers
- Saturated transformers
- Fluorescent lighting
- Telecommunication equipment's

Table 2. Voltage Harmonics level at Main Incomer

Voltage Harmonics	R	Y	B
THD	4.32	3.12	3.52
3rd Level Harmonics	2.13	1.88	1.96
5th Level Harmonics	3.51	2.21	2.64
7th Level harmonics	1.07	0.90	1.02
9th Level harmonics	0.22	0.17	0.19
11th Level harmonics	0.35	0.30	0.21
13th Level harmonics	0.13	0.10	0.15

Table 3 Voltage harmonics Min, Max & Average

Harmonics Level	Min	Avg.	Max
THD	1.77	3.65	4.50
H3	0.00	1.97	2.63
H5	0.67	2.78	3.73
H7	0.40	1.00	1.53
H9	0.00	0.19	0.67
H11	0.00	0.29	1.37
H13	0.00	0.13	0.70
H15	0.00	0.04	0.27
H17	0.00	0.02	0.37

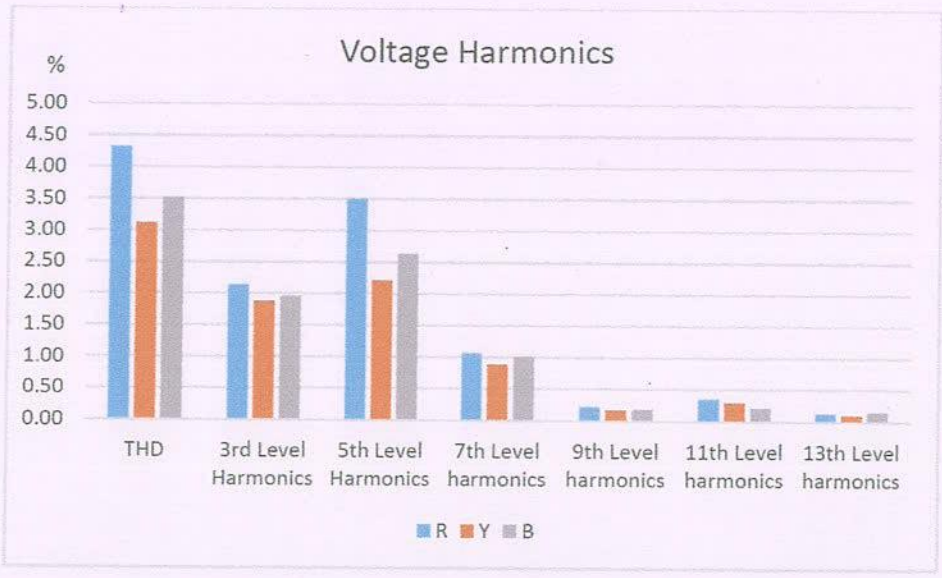


Figure12. Voltage Harmonics Profile

Observations:

- It is observed that the voltage harmonics for Main Incomer is 3.67% which is acceptable as standard value of 5% (voltage harmonics (V_{THD} %) limit as per IEEE 519:2014 standards).

1.6.2 Current Harmonics

In a normal alternating current power system, the current drawn by a linear load will be sinusoidal at the specified frequency. The current wave may or may not have a phase difference with respect to the voltage. Current harmonics are caused by non-linear loads which draw current that is not necessarily sinusoidal. The current wave form can be distorted and complex depending on the load and the interaction between other components of the system. Using Fourier series, the complex wave form can be resolved into simple sinusoidal waves of multiple frequency for analysis purpose.

Any non-sinusoidal current can be mathematically resolved into a series of sinusoidal components (Fourier series). The first component is called as fundamental and the remaining components whose frequencies are integral multiples of the fundamental frequency are known as harmonics. If the fundamental frequency is 50 Hz, then 2nd harmonic will have a frequency of 100Hz and the 3rdwill have 150Hz and so on.

Table 4. Current Harmonics Level

Current Harmonics	R	Y	B
THD	27.04	27.29	21.10
3rd Level Harmonics	11.97	8.46	11.13
5th Level Harmonics	19.78	21.89	12.42
7th Level harmonics	7.36	6.71	6.78
9th Level harmonics	3.90	4.98	3.29
11th Level harmonics	4.52	3.98	2.97
13th Level harmonics	2.53	2.71	2.44

Table 5 Current Harmonics Min, Max & Average

Harmonics Level	Min	Avg.	Max
THD	5.83	24.97	451.53
H3	0.43	10.48	220.03
H5	2.20	17.91	297.73
H7	0.40	6.89	100.90
H9	0.00	4.01	24.77
H11	0.10	3.78	31.97
H13	0.07	2.53	27.27
H15	0.00	1.83	15.20
H17	0.07	1.76	16.50

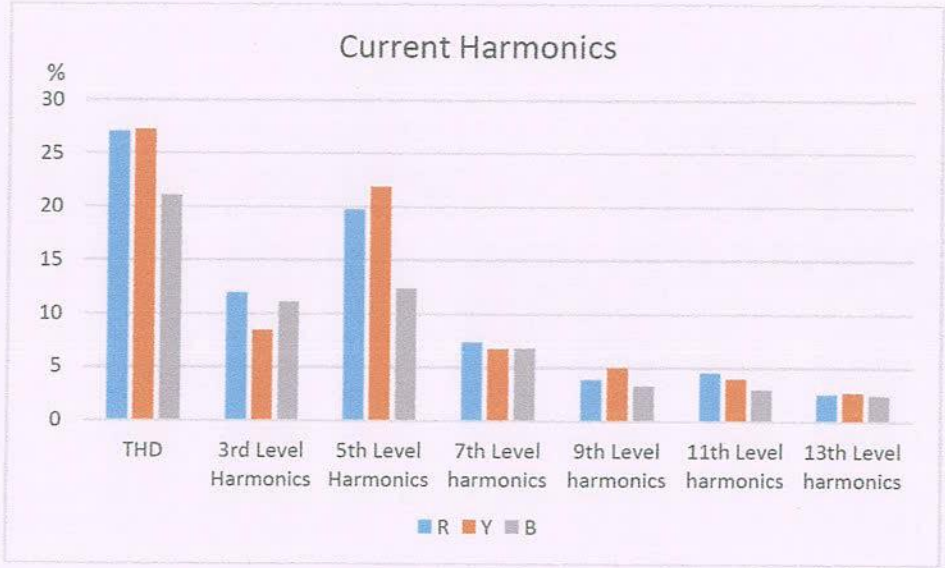


Figure 13. Current Harmonics

Observations:

- It is observed that THD is 24.97%, third level Current harmonics is10.48%andfifth level current harmonics is 17.91% which is on higher side than standard value of 8% (Current harmonics (I_{THD} %) limit as per IEEE 519:2014 standards). Harmonics mitigation needs to be considered.

1.6.3 Limits of Harmonics

IEEE recommended practices and requirements for harmonic control in electrical power system: It represents a standard level of acceptable harmonic distortion in a power system.

Table 6. Harmonics Distortion Limits: – IEEE – 519C:2014

I_{sc}	Short Circuit current at the point of common coupling (PCC), under normal operating conditions
I_L	Fundamental full load current in Amps
H	Harmonic number
11<h<17	Limits of individual current at PCC
THD	Total harmonic distortions

Table 7.Current distortion limits for systems rated 120 V to 69 kV – User's responsibility

Maximum harmonic current distortion in percent of I_L						
	Individual harmonic order (odd harmonics)					
I_{sc}/I_L	3≤h<11	11≤h<17	17≤h<23	23≤h<35	35≤h<50	TDD
<20*	4.0	2.0	1.5	0.6	0.3	5.0
20<50	7.0	3.5	2.5	1.0	0.5	8.0
50<100	10.0	4.5	4.0	1.5	0.7	12
100<1000	12.0	5.5	5.0	2.0	1.0	15
>1000	15.0	7.0	6.0	2.5	1.4	20

*All power generation equipment is limited those values regardless their I_{sc}/I_L.

- Odd harmonics are represented as % of fundamental at PCC
- Even harmonics are limited to 25% of odd harmonic's limits.

2 Performance Assessment

2.1 Pumps

One submersible pump is installed to lift water to overhead tank having capacity to hold 100 kilo Litre of water & pump operating hours per day are very less due to high capacity pumps installed compared to previous pumps. As per discussion with operating personnel pumps are operated approximately 2-3 hrs per day as the system is based on water level sensors. Performance assessment of the pump is represented in table below.

Table 8 Water Pump – Performance Assessment

Sr. No.	Description	Unit	Value
1	Rated Flow	m^3/h	-
2	Rated Head	m	-
3	Rated Power	kW	-
4	Measured Flow	m^3/h	25
5	Discharge Head*	m	45
6	Actual Power consumption	kW	7.66
7	Hydraulic Power	kW	3.07
8	Pump Efficiency	%	40%

**Head measurement is done at actual based on building height*

2.2 APFC Bank – Capacitor Performance

Performance assessment of the capacitors is represented below.

Table 9 Capacitor Health Check Up

Sr. No.	Capacitor Rating	R	Y	B	Remark
	kVAr	A	A	A	
1	10	14.6	21.3	15.7	Degraded
2	10	23.1	23.5	23.6	Capacitor Ok
3	10	16.8	0	16.1	Capacitor Faulty
4	10	15.9	15.6	15.1	Capacitor Faulty
5	20	31.9	31.8	31.5	Degraded
6	20	30.8	30.5	31	Degraded

As per the test conducted during audit most of the capacitors of APFC bank are degraded or faulty and thus needs repair & maintenance for improved performance and near unity PF.

3 Energy Saving Initiatives by College

Client already have installed energy efficient equipment in their premise. Most of energy efficiency improvement work has been already done by client & Client has also installed rooftop solar (PV) power plant this shows their positive approach to energy efficiency and sustainability.

Energy saving and sustainability improvement measures undertaken by college management are as follows.

1. **Replacement of Fluorescent Tube Lights (FTL) with LED Tube Lights**

College management has replaced most of FTL to LED lights and achieved nearly 50% reduction in energy consumption for lighting purpose. Thus achieved substantial savings in energy consumption and carbon emission.

2. **Installation of solar PV rooftop for renewable energy generation**

College management has installed of 200 kW solar photovoltaic power plant on rooftop of college building which will not only reduce the energy expenditure but also reduce carbon emission and this initiative shows positive approach of college management towards energy and environmental sustainability.

3. **College building designed to minimize energy required for lighting & HVAC needs**

College building design itself helps to reduce daylight needs in college building and classrooms. Windows and openings allow sufficient air ventilation thus minimises the need for HVAC systems & this ultimately leads to reduced or minimum energy demand for the premise.

7.1.3.3 Clean and green campus initiatives

As a part of green and clean campus initiatives, we organize tree plantation and cleanliness drives. This resulted into a green campus with variety of trees and medicinal plants. College has a separate, dedicated gardening team for maintenance of campus and its varied vegetation. College celebrates the World Environment Day to spread awareness of environment conservation and our responsibilities for it.

Sr. No.	Particulars
Academic Year- 2021-22	
1	Celebration of World Environment Day & Tree Plantation Programme
2	Celebration of World Earth Day -2022
3	Celebration of "Mazi Vasundhara'' by taking Harit Shapath
4	Organization of No Vehicle Day at institute
5	Celebration of National Pollution control day
Academic Year- 2019-20	
6	Organization of Tree Plantation, Water Conservation
Academic Year- 2018-19	
7	Organization of Tree Plantation
Academic Year- 2017-18	
8	Tree plantation program
9	Celebration of Van Mahotsav by Tree Plantation
10	Swachata Abhiyan Programme on occasion of birthday of Bharati Vidyapeeth Founder Hon. Dr. Patangraoji Kadam& Secretary Dr. Vishwajeet Kadam

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** **:**National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity** **:**Programme Under ,``Azadi Ka Amrutmahostav''

Celebration of World Environment Day & Tree Plantation Programme.

- **Date of Activity:**07/06/2022
- **No. of Participants:** Student, faculty & NSS volunteers.

- **Details of Activity:**On occasion of celebrationof `75 Years Completion of India's Independence', NSS Unit of BVCOEK arranged``World Environment Day & Tree Plantation Program".A session was arranged on occasion of World Environment Day in College Auditorium for students and faculty members. This session was delivered by Mr.Raman Kulkarni (Hon.WildlifeWarden, Kolhapur) regarding awareness of protecting environment and role of an individual in protectingenvironment.Dr.R.K.Chouguale First year Engineering Coordinator and Mr.V.S.Kadam, HOD Department of Civil Engineeringfelicitated Mr.Raman Kulkarni. Introductory speech was delivered by NSS coordinator Mr.R.B. Lokapur.Vote of Thanks was delivered by Dr.R.K. Chouguale. Tree plantation programwas conducted in presence of Shri Raman Kulkarni.

Felicitation of Shri Raman Kulkarni by HOD Dr.R.K.Chougule&Mr.V.S.Kadam

Tree Plantation by Shri.Raman Kulkarni (Hon.WildlifeWarden, Kolhapur)

NSS Coordinator

Principal

Date: 04 /06/2022

To,
Mr. Raman S. Kulkarni
Wildlife Warden of
Forest Department
Dist-Kolhapur

Sub: Invitation as a Chief Guest

Respected Sir,

We, at our Bharati Vidyapeeth's College of Engineering, Kolhapur are arranging the **World Environment Day function** on 7/06/2022 at 03.00 pm. It is necessary to motivate the students with making them aware of the environment. We request you to accept our invitation as a chief guest for this function and guide the students in any relevant area in the field of environment.

Thanking you.

Yours sincerely,

Dr. Vijay R. Ghorpade
Principal
BVCOE, Kolhapur

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR
Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)
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FOUNDER & CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

BVCOEK/113/2022-23

Date:07/06/2022

To,
Mr. Raman S. Kulkarni
Wildlife Warden of
Forest Department
Dist-Kolhapur

Respected Sir,

We thank you for your kind acceptance of our invitation as a Chief Guest for the **World Environment Day function** programme organized at our Bharati Vidyapeeth's College of Engineering, Kolhapur are on 07/06/2022 at 03.00 pm. We are thankful for your valuable guidance to the students regarding area in the field of environment.

Thanking you.

Yours sincerely,

Dr. Vijay R. Ghorpade
Principal
BVCOE, Kolhapur

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

DEPARTMENT : CSE

THEORY ATTENDANCE SHEET

Class :	Shift :	Div :	Subject : World Environment Day Program
Year :			Name of the Faculty :
Sem :			From : To :

Roll No.	Name	Date : 15/12/22	Date :	Date :	Date :	Date :	Date :
1	Tabassum Rijwan Attar ~~Divate Yash Shrikant~~	~~Yash~~					
2	Bandgar Navnath Abaso						
3	Poonam Sanjay Bedage						
4	Bhatale Sakshi Sanjay						
5	Bhosale Nitin Ramesh						
6	Chaudhari Abhijit Bharat						
7	Chavan Sanika Anandrao						
8	Chavan Sayali Suresh						
9	Dalavi Parth Sagar						
10	Dange Mayuri Arjun						
11	peshmukh Harshada chandrakanya						
12	Dhobale Sakshi Shivaji						
13	Doiphode Suresh Haribhau						
14	Dongale Jaydeep Ulhas						
15	Farakate Swarupa B.						
16	~~Gaikwad~~ Gaikwad Vaishnavi Sanjay						
17	Gandhi Omkar Suresh						
18	Gomare Kalyani Keshav						
19	Jadhav pradnya Dilip						
20	Shubham Sadanand Kamble						
21	KHAPE SAMARTH SANJAY						
22	Pratham Jayprakash khivansara						
23	Lokhande shubham Laxman						
24	Mali Sanket Vasant						
25	Mane pranjali Prakash						
26	Mangale Snehal Rajaram						
27	Mokashi Aashish Uttam						
28	Mose Nayan Namdev						
29	Mose Rutuja Ankush						
30	MULANI SIDDIK SATTAR						
31	Mulla Siddik Mahmmad						
32	Kaushik Nilesh Parab						
33	Patel Farheen . H.						
34	Patil Ankita Maruti						
35	Chandradip Suresh patil						
36	Patil Harshada Balaso						
37	Patil Mahadev Vitthal						
38	Patil omkar B.						

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
	Pawar						
44	Patil Harshada datttrya						
45	Pingale Riddhi Sanjay						
46							
47	Dhanaraj M. Renge						
48	Dhirajkumar B Sabale						
49	Salgare Rohan Shivanand						
50	Sawant Prashik Yuvraj						
51	Sawant Rutuja Dattatray						
52	Sawant Sayali kishor						
53							
54	shinde Dhanraj Laxman						
55	shinde vijaya Sanjay						
56	somvanshi shubham Bharat						
57	Sutar Suraj Krishna						
58	Telvekar Swaroopa Hari						
59	Shantanu Shrikant Tikole						
60	Yadav Dasharath Vasant						
61	Chougule Pratik R						
62	Divate Yash Shrikant						
63	Ranjeet D. Gholave						
64	Kadoli Prathmesh S.						
65	Sanskruti M. Kolekar						
66	koli Sakshi Sanjay						
67	Prashika Pandit Kurane						
68	Abhishek Yogesh Mane						
69	Mane Snehal Ankush						
70	More Vaishnavi G.						
71	Prabhukar Fiza Dilawar						
72	Rutuja Sunil Pawar						
73	Patil Shreya Kiran						
74	Chaitanya Rajendra Salokhe						
75	Om Balasaheb Salunkhe						
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BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR
DEPARTMENT : E & Tc

THEORY ATTENDANCE SHEET

Class :	Shift : Div :	Subject : Environment Day Program
Year :		Name of the Faculty :
Sem :		From : To :

Roll No.	Name	Date : 15/12	Date :	Date :	Date :	Date :	Date :
1	Amate Shavari Sunil						
2							
3	Ketan V. chandrelkar						
4	Grishma M. Chavan						
5	Omkar P. chavan						
6	Aarti V Chougale						
7	Pranita P. chougale						
8	Pranali R. Desai						
9	Shamrao V. Desai						
10	Rajashree V. Dhalgade						
11	Shaswari S. Dongale						
12	Sandesh S. Dudhane						
13							
14	Ujwal S. Gaikwad						
15	Gayali Hatsh Anand						
16	Aaditi Amar ganugade						
17	Surekha T. Hatkar						
18	Manish R. Jadhav						
19							
20	Shaddul S. Jadhav						
21	Shreya Sunil Jadhav						
22							
23	Kadam prasadi kiran						
24							
25							
26	Kendale Dhananjay shahaji						
27	Khade Rohit Dinkar						
28	Khade shweta J.						
29	Kiblish P. kogale						
30	Abhishek P. Koli						
31	Darang D. Kotkar						
32	Akash D. Kumbhar						
33	Karan D. Kumbhar						
34	Vaishnavi D. Lavate						
35	chetana M. Malavadkar						
36	Shruti S. Mane						
37	Shweta S Mane						

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
44							
45	Sutosh R. Pachange						
46	Harish P. Pareek						
47							
48	Milind M Patil						
49	Mayuri Patil						
50	Prasad Dilip Patil						
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BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR
DEPARTMENT : Civil

THEORY ATTENDANCE SHEET

Class :	Shift : Div :	Subject : World Environment Day Program
Year :	2021-22	Name of the Faculty :
Sem :		From : To :

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
1	Bagade Sankalp Shrikant						
2							
3	Dumb Deepak Mahadev						
4	GHADAGE RUDARSHAN ARJUN						
5	Main Infonkenan Grekas						
6	Gulave Pratik Ashok						
7	Neeraj Pratap Jadhav						
8	Naik Sanika Vishwas						
9	Shreyash Amol Patil						
10	Ranit Rahul Patdev						
11	KSHITIJ SHIVARAJ POWAR						
12	Harshvardhan Vikram Shinde						
13	Manali Raja Dubhalkar						
14	Abhishek S Dongare						
15	Shivraj B Jadhav						
16	Harshavardhan R Mane						
17	more Pratik Pandurang						
18	Avishkar A Patil						
19	Prathamesh N Paymal						
20	Aditya D Sasane						
21	Shinde Prasad Anil						
22	Viraj B Shinde						
23	Shifa S Attar						
24	Sankalp S Bhoi						
25	Omkar D Bhosale						
26	Shubhashri D Gore						
27	Kaedit B Jadhav						
28	Suyog R Jadhav						
29							
30	Vaishnavi A Kale						
31	Gorakh V Kamble						
32	Manjeet R Kamble						
33	Ashok Y Kharbade						
34	Khose Vishwajeet A						
35							
36							
37							

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
44	Madan santaram Patil						
45	Prathmesh Patil						
46	Patil Rutuja Dilip						
47	Prathmesh B Patil						
48	Patil Tushar R						
49	Pawar Vijay Sotiram						
50	siddhesh s paymal						
51	Prasad M Mulgund						
52							
53	Vaishnavi V Rathod						
54	Apurva Rajendra Raut						
55							
56	Sahil D Sawant						
57							
58							
59	Matin Maksud Shaikh						
60	Sayali V Shinde						
61	Sachin S Sutkar						
62	Kamlesh S Torasakar						
63							
64	Sumit Vasant						
65	Waghmode Shubhangi T						
66							
67							
68	Kshitija Gamade						
69	Gavade Mohit Milind						
70	Gawalkar prasad shivaji						
71	Ritesh R Kadam						
72	Ketan S Kesarkar						
73	Chitralekha G Kumbhar						
74	Prathamesh V Lad						
75							
76	Roll No. - 46 = Patil Rutuja R.						
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BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR
DEPARTMENT : Mechanical

THEORY ATTENDANCE SHEET

Class :	Shift :	Div : B	Subject : World Environment Day
Year :			Name of the Faculty :
Sem :			From : To :

Roll No.	Name	Date :	Date :	Date :	Date :	Date :	Date :
1	Ashish P. lambhar	[illegible]					
2	Aniket S. Ghabak	[illegible]					
3	Sairaj A. Kamble	[illegible]					
4	Digambar R. Kamble	[illegible]					
5	Kiran. D. Kamble.	[illegible]					
6	Tejas V. Jadhav	[illegible]					
7	Prafull Jadhav	[illegible]					
8	Mahesh. S. Rane.	[illegible]					
9	manjunath. J. munavalli	[illegible]					
10	Sandhyarani S. Patil	[illegible]					
11	Komal Dattatray Patil	[illegible]					
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- **Organizing Department:** Department of Civil Engineering
- **Name of Activity** **:** Celebration of ``World Earth Day -2022''
- **Date of Activity** **:**22/04/2022
- **No. of Participants:** Student, faculty & NSS volunteers.
- **Details of Activity** **:**On occasion of world earth day various events were carried out by Department of Civil Engineering which include Poster presentation, clay models and Stall of E - Vehicles and Renewable energy equipment such as solar water heater, e-bikes etc. This event was inaugurated by Principal Dr.V.R.Ghorpade, HOD Civil Mr.V.S.Kadam. All Heads of Department and NSS coordinator Mr.R.B.Lokapure were present for same. This exhibition was open to all students as well as faculty members of college.

Poster presentation on occasion of world earth day 2022

NSS Coordinator

Principal

EARTH DAY 2022 STUDENT POSTER CONTEST

2022 THEME: INVEST IN OUR PLANET

(Act, Innovate, Implement)

Bharati Vidyapeeth
College of Engineering, Kolhapur

BHARATI VIDYAPEETH, COLLEGE OF ENGINEERING KOLHAPUR

Date:20/4/2022

WORLD EARTH DAY 2022

NOTICE

22nd April 2022 is going to be celebrated as World Earth Day. This year's theme is **"Invest in Our Planet"**.

All students are hereby informed that, on this occasion, on college level, we have planned following activities.

1. Poster Presentation
2. Slogan Competition
3. Selfie with Nature
4. Exhibition of E vehicles, solar systems, rainwater harvesting etc.

All students are asked to participate in above events and make the program successful. All heads are asked to appoint one staff coordinator for the event.

PRINCIPAL

PRINCIPAL
BHARATI VIDYAPEET'S
COLLEGE OF ENGINEERING
KOLHAPUR

Civil	Mech.	ETC	CSE	FY	Library

BHARATI VIDYAPEETH, COLLEGE OF ENGINEERING KOLHAPUR

Date:20/4/2022

WORLD EARTH DAY 2022

Rules for various Activites

1. Poster Presentation:
    1. Size of Poster: A2 size drawing sheet
    2. Theme: Invest in Planet
    3. Posters can be prepared at home and should be displayed in exhibitions.

2. Slogan Competition:
    1. Slogan should be written on A4 size plain paper and should be displayed in exhibitions.

3. Selfie with nature:
    1. Selfi with nature should be submitted on following google form link:

https://forms.gle/WTG7p5SozbA3K9n28

4. Prizes:
    1. Winners will get certificate and gift
    2. Three Prizes will be given for each activity.
    3. Judges decision will be final.

HOD Civil

PRINCIPAL

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING,KOLHAPUR

DEPARTMENT OF ELECTRONICS AND TELECOMMUNICATION ENGINEERING

WORLD EARTH DAY 2022

Sr. No.	Name of Participate	Class	Contact Number	Name of Event (Poster Presentation/Slogan Competition/Selfie with Nature/ Exhibition).
1.	Mr. Sandesh A. Masale	S.Y	9834389731	Poster Peesentation
2.	Apurva Jawadekar	BTech	9403814102	Selfie with Nature
3.	Aishwarya Pimpalgaonkar	BTech	9373337738	selfie with Nature
4.	Rohini Sadale	BTech	9657580414	selfie with Nature.
5.	Samarth Powar	BTech	7798038381	selfie with Nature
6.	Pratima Vhatkar	BTech	~~9960953337~~ 9112295337	selfie with Nature
7.				
8.				
9.				
10.				
11.				
12.				
13.				
14.				
15.				
16.				

Dr. Sanjay S. Pawar
Dept. Coordinator

Dr. K.R.Desai
H.O.D

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:**National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity:**Celebration of " Mazi Vasundhara'' by taking Harit Shapath.
- **Date of Activity:** 05/01/2021.
- **No. of Participants:** NSS VOLUNTEERS
- **Details of Activity:** As per guidelines from Govt.of Maharashtra and Shivaji University Kolhapur BharatiVidyapeeth's college of Engineering Kolhapur arranged ``Mazi Vasundhara" programme in college campus on 05th January 2021.In this programme Harit Shapth (oath) is taken by students and faculty. All HOD, teaching and non-Teachingstaff NSScoordinatorMr.R.B.Lokapure, NSS. volunteerswere present for this activity.

Harit Shapth (oath)by Teaching Staff & NSS Volunteers.

NSS Coordinator

Principal

NOTICE.

DATE: 03/01/2021.

`MAZI VASUNDHARA ABHIYAN'..

This is inform to all Volunteers &Faculty Member's (For N.S.S.) that, According to the **Instructions from Govt.Of Maharashtra and Shivaji University.**you have to inform all volunteers about participation in ***``MAZI VASUNDHARA ABHIYAN"..***

1) Activity Date—05/01/2021.
2) Location—BVC,College Campus.
3) Time—10.30 am to 12.0 pm.

N.S.S. Co-Ordinator.

Principal.

Copy to. :-

1) Mr.R.R.Suryawanshi. (E.T.C.)

2) Mrs. Pooja Patil. (AIML.)

3) Mr.V.D.Chogule (CSE.)

5)Mr.V.Tiwari (Civil)

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

Roll No. _____

CASH / CREDIT MEMO — नगद / पक्का रसिद

From : भारती कॅन्टीन
चित्रनगरी, कोल्हापूर.
प्रोप्रा. श्री. स्वामी

No. : 05 (क्रमांक)

Date : 05/01/21. (दिनांक)

M/s. (सर्वश्री) Principal, BVCOE, Kop.

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT रक्कम ₹
	1) Uppit 100 plate		600=00
	2) Tea 100 cup		390=00
		TOTAL टोटल	990=00

Thank You — Sundaram Books for Success

Programme Officer
Bharati Vidyapeeth's College Of Engineering, Kolhapur.

Principal

PAID & CANCELLED"

राष्ट्रीय सेवा योजना (N.S.S.) :-
"माझी वसुंधरा" हरित शपथ कार्यक्रम.
- सर्व उपस्थित स्वयंसेवकांना चहा व नाष्टा देण्यात आला. सदर कार्यक्रम दि "05/01/2021, रोजी घेण्यात आला.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** **:** National Service Scheme(NSS) Unit BVCOEK
- **Name of Activity** **:** Organization of No Vehicle Day at Institute
- **Date of Activity** **:** 27th - 28th July 2021
- **No. of Participants** **:** All students,facultyand staff members

- **Details of Activity:** Now a day's rise in pollution is very serious problem. To raise environmental sensitivity and awareness among students about the vehicular pollution. To encourage younger generation for using the bicycles and public transportation system in reducing the carbon footprints. Bharati Vidyapeeth's College of Engineering Kolhapur decided to arrange no vehicle day in the college campus where in no bikes, cars or any polluting vehicle was allowed. All the faculty and students were told to use bicycles to mark the day. This type of activity will be helpful to lower the level of pollution which can be contribution of individual towards maintaining the healthy environment. For this everyone from the college showed interest from students, staff and faculty actively participated in this activity. This is an initiative taken by institute under the program of green environment initiated by the government.

Organization of No Vehicle Day at Institute

NSS Coordinator

Principal

(01)

CASH / CREDIT MEMO — नगद / ~~पत~~ रसिद

From : भारती कॅन्टीन
चित्रनगरी, कोल्हापूर.
प्रोप्रा. श्री. स्वामी

No. क्रमांक : 1

Date दिनांक : 23/7/19

M/s. सर्वश्री : प्राचार्य, भारती इंजि कॉलेज.

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT ₹ रक्कम
	कांदापोहे 100 प्लेट	6.50	650-0
	चहा 100 कप	3.40	340-0
		TOTAL टोटल	990-0

Thank You — Sundaram Books for Success — धन्यवाद

Principal, Bharati Vidyapeeth's College of Engineering

N.S.S. CO-ORDINATOR, BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.

" PAID & CANCELLED "

खर्च तपशिल :- दि. 23/07/2019 रोजी महाविद्यालयात आयोजित "Tree plantation" ~~वृक्षारोपण~~ निमित्त कार्यक्रम प्रसंगी उपस्थित स्वयंसेवकांना नाष्टा देण्यात आला.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** Mechanical Department.
- **Name of Activity:** Celebration of National Pollution Control Day 2022.
- **Name of Event Coordinator:** Prof. Jitendra G. Shinde
- **Date of Activity:** 02/12/2022
- **Participants:** SY, TY and B. Tech final year students of all branches.
- **Details ofActivity:** Mechanical department has organized a National Pollution Control day program under the Institution Innovation Council for all the SY, TY and B. Tech students of all the branches. The activity was planned with help of the students, teaching staff and H.O.D's. Students actively participated from various branches and were divided into groups and were allotted to clean various areas in the campus. The campus cleaning day was very much effective, since the students could collect almost the entire plastic waste from the campus.
- **Outcome of Activity:** National Pollution Control Day was celebrated in order to observe and to bring awareness among students about environmental pollution and its negative impacts on our health and planet. Pollution caused due to uses of plastic are degrading quality of soil and killing marine lives incessantly. The day spread education on how to manage and control plastic waste to prevent pollution caused due to human negligence.

Mr. J. G. Shinde	Dr. P.B. Patole	Dr. S. S. Pawar	Dr. S. J. Kadam	Dr.V. R. Ghorpade
Event Coordinator	**Coordinator**	**IIC Convener**	**HOD**	**IIC President/ Principal**

Date: 30/11/2022

To,

The Principal,

B.V.C.O.E. Kolhapur.

Subject: Regarding permission for Celebrating National Pollution control day.

Respected Sir,

As per the guideline from ministry of HRD initiative, Under the IIC activity (Day Celebration Activity) we are going to celebrate National Pollution control day by conducting "**Say No to Plastic**". In this event we plan to collect plastic waste from college campus on 2 December 2022.

Please give us permission for conducting this event.

Thanking You,

Permitted @ 12 to 12.30 pm

1.30/11

Yours faithfully,

Mr. J. G. Shinde

(Event Coordinator)

Dr. S. J. Kadam

(HOD MECH.)

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

Date:30/11/2022

NOTICE

NATIONAL POLLUTION CONTROL DAY 2022

2nd of December 2022 is going to be celebrated as National Pollution Control Day. This year theme is to create awareness among general masses to prevent pollution caused by human negligence.

All students are hereby informed that, on this occasion, on college level, we have planned to **Collection of plastic waste on college campus.**

All students are asked to participate in the above event and make the program successful.

All Heads are asked to appoint one staff coordinator for the event.

Dr.V. R. Ghorpade

(Principal)

Mech.	Civil	ETC	CSE	FY	Library

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:**National Service Scheme(NSS) unit BVCOEK
- **Name of Activity:** 'VANMAHOSTAVA'Tree Plantation Programme.
- **Date of Activity :**23rd July 2019
- **No. of Participants:**25
- **Details of Activity:** Asper guidelines from Government of Maharashtra. (Forestry Dept.) andShivaji University Kolhapur. Bharati Vidyapeeth's College of Engineering Kolhapur arranged Tree plantation drive in college campus on 23rdJuly 2019. Tree plantation programme is conducted in presence of RegionalDirector Dr.H.M.Kadam, Principal Dr.V.R.Ghorpade, Principal College of Pharmacy KolhapurDr.H.N.More, all HODS's teaching And Non-Teaching staff, NSScoordinators Mr.R.B. Lokapure& Physical Director Mr.H.B.Patil and NSS.Volunteers were present for same. In this plantation programme various Jungletrees such as Kanchan, KaranjJambhul, Vad, and Kadamba&Behda were planted in college Campus , total 100 various types of trees wereplanted.
-

Tree plantation by Dr.H.M.kadam (Regional Director.)

Tree plantation by Principal Dr.V.R.Ghorpade

NSS Coordinator

Principal

(01)

CASH / CREDIT MEMO — नगद / पत रसिद

From : भारती कॅन्टीन
चित्रनगरी, कोल्हापूर.
प्रोप्रा. श्री. स्वामी

No. : 1

Date : 23/7/19

M/s. प्राचार्य, भारती इंजि कॉलेज.

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT ₹ रक्कम
	कांदापोहे 100 प्लेट	6.50	650-0
	चहा 100 कप	3.40	340-0
		TOTAL टोटल	990-0

Thank You — Sundaram — धन्यवाद

"PAID & CANCELLED"

N.S.S. CO-ORDINATOR, BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.

Principal, Bharati Vidyapeeth's College Of Engineering

खर्च तपशिल :- दि. 23/07/2019 रोजी महाविद्यालयात आयोजित Tree-plantation ~~वैचारिक ...~~ निमित्त कार्यक्रमप्रसंगी उपस्थित स्वयंसेवकांना नाष्टा देण्यात आला.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity:** Organization of Tree Plantation Programme
- **Date**: 10th JULY 2018
- **Venue:** College Campus
- **No. of Participants:** Principal, HOD'S Teaching& Nonteaching Staff With100 NSS Volunteers
- **Details of Activity:**As per guidelines from Govt. OfMaharashtra. (Forestry Dept.) and Shivaji University, Kolhapur. Bharati Vidyapeeth'sCollege of Engineering Kolhapur arranged Tree plantation drive in college campus on 10thJuly 2018.In this programme various trees such as Behda, Neem, Vad, Mango,Nilgiri ,Ashok etc. planted.For this programmeDr.H.M.Kadam(Regional Director Sangli, Kolhapur, College Dr.V.R. GhorpadePrincipal Bharati Vidyapeeth; s college of Engineering. Kolhapur, Pharmacy College Dr.H.N.MorePrincipal Bharati Vidyapeeth; s college of Pharmacy. Kolhapur.AllHOD, teaching and non-Teaching staff also R.B. LokapureNSS. Coordinator, allNSS.Volunteers werepresent. In this tree plantation activity in college campus total 100 various types of trees were planted.

- **Outcome of Activity :** Volunteers learnt about importance of tree plantation for survive of our life

Tree Plantation in college campus

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

Roll No. ________

भारती कॅन्टीन

चित्रनगरी, कोल्हापूर.

प्रोप्रा. श्री. स्वामी

(03)

24-9-18

मा. प्राचार्य

भारती विद्यापीठ कोल्हापूर

कांदा पोहे 100 प्लेट (6-50/-) 650/-

चहा 100 कप (3-40/-) 340/-

"PAID & CANCELLED"

Principal
Bharati Vidyapeeth's
College Of Engineering, Kolhapur

N.S.S. CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF
ENGINEERING, KOLHAPUR

रु. 990/-

Event – "N.S.S. Day & Tree plantation Drive"

तपशिल :- सदर कार्यक्रमांतर्गत - शिबिरार्थी स्वयंसेवकांना - वृक्षारोपण करणेसाठी बोलाविले होते. तरी सर्व सहभागी स्वयंसेवकांना चहा व नाष्टा देणेत आला.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** : NSS Unit BVCOEK
- **Name of Activity** : Tree Plantation Program
- **Date of Activity** : 15h Jan2018
- **No. of Participants** :25
- **Details of Activity** :

Bharati Vidyapeeth's College of Engineering Kolhapur organized a tree planting event on 16th Dec 2017. The NSS volunteers actively participated in this event. Dr.V.R.Ghorpade Principal College of Engineering Kolhapur, NSS coordinator Mr.R.B.Lokapure, head of all departments, NSS volunteers were present for this event. Various types of tree saplings, like mango, cinnamon, neem, and eucalyptus, were planted in the college premises. NSS volunteers were asked to explain to the students the importance of different trees that were planted and also talked about how planting trees helps to regulate the temperature and absorb all the carbon dioxide from the air. Mr.R.B.Lokapure guide about how planting trees helps to make the surroundings greener and how trees serve as homes to many birds and animals. He also suggested that every student should at least plant one tree per year as it will help the world to fight against global warming. The day's event was brought to an end with the coordinators vote of thanks. All the students were given a sapling each to plant at home.

Outcome of Activity : Such activities will continue to encourage younger generation for environmental awareness program which is very essential in future

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** National Service Scheme (NSS) UNIT
- **Name of Activity:** Celebration of Van Mahostava by Tree Plantation
- **Date**: 05th July 2017
- **Detail of Activity:** As per guidelines from Govt. of Maharashtra. (Forestry Dept.) and Shivaji University, Kolhapur. Bharati Vidyapeeth's College of Engineering, Kolhapur arranged a special tree plantation drive in the college campus on 05th July 2017. On the occasion of this programme, various trees such as Neem, Vad, Mango, Nilgiri,Ashok etc. were planted. For this programme Dr H.M. Kadam (Regional Director Sangli, Kolhapur), Dr.S.S. Patil, Principal Bharati Vidyapeeth's College of Engineering, Kolhapur Dr H.N. More. Principal Bharati Vidyapeeth's College of Pharmacy, Kolhapur, All HOD, teaching and Non-Teaching staff, NSS Coordinator Mr R.B. Lokapure with NSS. Volunteers were present. In this program in college campus total of 300 various types of trees were planted.

- **Outcome of Activity:** Volunteers learnt about the importance of tree plantation for the survival of our life and Green Campus was maintained.

Tree Plantation byHon. Dr.H.M.Kadam (Regional Director) Principal Dr.S.S. Patil &NSS.Volunteer

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** National Service Scheme (NSS) UNIT& Civil Engg. Dept.
- **Name of Activity:** Swachata Abhiyan Programmeo on the Occasion of the Birthday of Hon.Dr. Patangrao Kadam &Dr. Viswajeet Kadam**.**
- **Date**: 13th January 2018
- **Detail Of Activity:** On the occasion of the Birthday of Hon. Dr Patangrao Kadam and Dr.Vishwajeet Kadam Bharati Vidyapeeth`s College of Engineering arranged Swachata Abhiyan on 13/01/2018 from 09.30 am to 2.00 pm. Principal College of Engineering Kolhapur Dr Vijay R. Ghorpade inaugurated this program In this programme college campus area is cleaned also waste and scrap materials collected. For this activity Teaching and non-teaching staff, college students &NSS. Volunteers from Mechanical, Civil, E&TC, CSE participated in this drive
- **Outcome of Activity:** Volunteers learnt about the importance of cleanliness and the benefits of a green and clean environment.

``Swachhta Abhiyan at BVCOE.KOLHAPUR

NSS. Volunteers Cleaning College Campus.

NSS Coordinator

Principal

7.1.3.4 Beyond the campus environmental promotion activities

Sr. No.	Particulars
Academic Year- 2021-22	
1	Clean India Drive by Ministry of Youth Affairs & Sports in Kolhapur City
2	Programme Under Azadi Ka Amrutmahostav Plastic free & Cleanliness Drive at Market Place R.K.Nagar Kolhapur
3	Cleanliness Drive at Veer Shiva Kashid Samadhi Parisar Panahala
Academic Year- 2020-21	
4	Organization of Cleaning camp at Ankalkhop, Tal. Palus, Dist Sangli
5	Organization of "Plastic Free Drive'' In Kolhapur City.
Academic Year- 2019-20	
6	Organization of Gram Swacchta Abhiyan
7	Organization of Rally for Social Awareness
8	Organization of Tree Plantation, Water Conservation
9	Watering to 500 mango trees, planted by village Grampanchyat.
10	Organization of Cleanliness program at Panahala fort Kolhapur
11	Organization of Rehabilitation work at Ankalkhop village in Sangli district after heavy rainfall & flood
Academic Year- 2018-19	
12	Organization of Gram swachta Abhiyan
Academic Year- 2017-18	
13	Seven days NSS residential camp at Mouje Sangaon and organization of various activities

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department :**NSS unit Shivaji University and NSS Unit BVCOEK
- **Name of Activity :**``CLEAN INDIA'' Drive by, Ministry of Youth Affairs & Sports in Kolhapur City.
- **Date of Activity :** 29/10/2021.
- **No. of Participants :**NSS VOLUNTEERS
- **Details of Activity :** ``CLEAN INDIA'' Plastic free drive was arranged by Shivaji University, Kolhapur near Rankala lake. NSS coordinator departmental coordinators and NSS volunteers of BVCOEK participated in same along with NSSUnit of Shivaji University, Kolhapur. According to instructions from Dr. AbhayJaybhaye (NSS Director Shivaji University Kolhapur), 04 NSS Volunteers from Bharati Vidyapeeth's college of Engineering, Kolhapur participated in above drive. In this drive RankalaLake areawas covered. Volunteers collected waste plastic bags, metals, glassesetc. These type of activities are useful to createawareness in young generation about their contribution to society.

Photo:

Plastic Waste Collection by NSS Volunteers

Inauguration of Drive-Hon.Dr.P.S.Patil (Pro-Vc), Dr. Abhay Jaybhaye (Director-NSS**)**

Appreciation of Bharati Vidyapeeth's College of Engg. Kolhapur-NSS Volunteers by Dr.P.S.Patil

Appreciation of Bharati Vidyapeeth's College of Engg. Kolhapur –NSS volunteers By Dr. AbhayJaybhaye.

Rankala Lake View—After End of Drive.

NSS Coordinator

Principal

"स्वच्छतेतून समृद्धीचा ध्यास, हाच आमचा ग्रामविकास !"

ग्रामपंचायत कणेरीवाडी

ता. करवीर, जि. कोल्हापूर

जावक क्र. 86/2022

दिनांक : 21/04/2022

प्रमाणपत्र

दाखला देणेत येतो कि.भारती विद्यापिठ अभियांत्रिकी महाविद्यालय कोल्हापूर यांच्या वतीने व शिवाजी विद्यापिठ कोल्हापूर यांचे मार्गदर्शनाखाली ७ दिवसाचे एन.एस.एस.चे श्रमसंस्कार शिबीर दि.१४/०३/२०२२ ते दि.२०/०३/२०२२ दरम्यान मौजे कणेरीवाडी येथे आयोजित केले होते.

या शिबिरा दरम्यान विद्यार्थ्यांनी विविध कार्यक्रमाचे आयोजन केले होते.त्यामध्ये रॅली, ग्राम स्वच्छता अभियान,सांस्कृतिक कार्यक्रम,तलाव स्वच्छता,गावातील रस्ते स्वच्छता इत्यादी उपक्रम घेण्यात आले.तसेच प्राथमिक शाळेतील ई.७ वीच्या विद्यार्थ्यांकरिता "व्यक्तिमत्व विकास व वाचनाचे महत्व" या विषयावर व्याख्यान आयोजित करण्यात आले होते.

तसेच भारती आयुर्वेद हॉस्पिटल,कोल्हापूर यांचे सहकार्याने गावातील सर्व ग्रामस्थांकरिता सर्वरोग निदान शिबीर,मोफत आयोजित करण्यात आले होते.सदर शिबिराचा ६५ ग्रामस्थांनी लाभ घेतला.

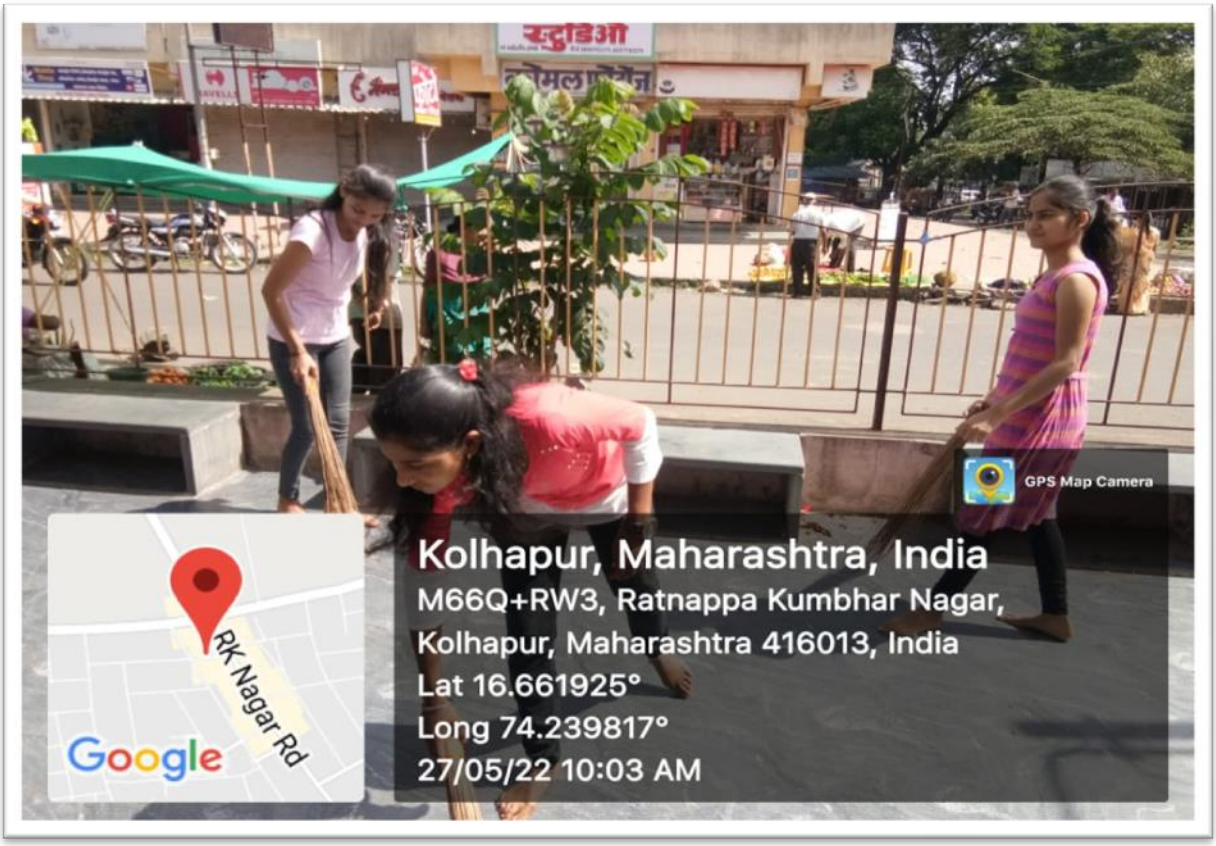
सरपंच

ग्रामपंचायत कणेरीवाडी

ता. करवीर, जि. कोल्हापूर.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department :**National Service Scheme(NSS) Unit BVCOEK
- **Name of Activity:**ProgrammeUnder, `AzadiKa AmrutMahotsav'' Plastic free &Cleanliness Drive at Market Place R.K.Nagar
- **Date of Activity:**27/05/2022
- **No. of Participants:**Student, faculty & NSS volunteers.
- **Details of Activity:**As per instructions from, ShivajiUniversity, Kolhapuron occasion `75 Years Completion of Indian Independence'NSS UNIT of BVCOEK arranged Cleanliness Drive at R.K. Nagar Morewadi,KolhapurUnder ``Azadi Ka Amrutmahostav''. In this cleanliness program, market place area and area near temple was cleaned by NSSVolunteers. All NSSVolunteers and NSS Co-coordinator Mr.R.B.Lokapure, and departmental coordinators Mr.R.R.Suryawanshi,Mr.A.A.Tiwari and Mr.V.D.Chogule participated in this drive.



NSS Volunteers -Cleaning Temple & Road Area.

Participated Staff & NSS Volunteers

NSS Coordinator

Principal

ग्रामपंचायत – मोरेवाडी

ता. करवीर, जि. कोल्हापूर. फोन : ०२३१-२६३९९०४

दिनांक : 27/05/2022

CERTIFICATE OF APPRECIATION

This certificate has been awarded to the NSS team Bharati Vidyapeeth's College of Engineering Kolhapur for conducting **'Swachhata Abhiyan'** at Morewadi,Tal-Karveer, Dt-Kolhapur on 27/05/2022. We appreciate the efforts taken by your NSS team and organization for the environment cleanliness drive.

ग्रामविकास अधिकारी सरपंच
ग्रा. पं. मोरेवाडी, ता. करवीर

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:**National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity :** Programme Under, `Azadi Ka AmrutMahotsav'' CleanlinessDrive At, `Veer Shiva Kashid Samadhi Parisar''. Village - Nebapur.Tal-Panhala
- **Date of Activity:**28/05/2022
- **No. of Participants:**Student, faculty & NSS volunteers.

- **Details of Activity:** On occasion of `75 Years Completion of Indian Independence' NSS Unit of BVCOEK arranged Cleanliness Drive Programme Under ``Azadi Ka Amrutmahostav' 'at Village-Nebapur, Tal-Panhala Kolhapur. All NSS Volunteers and NSS coordinator Mr.R.B.Lokapure, Mr.R.R.Suryawanshi, Mr.A.A.Tiwari and Mr.V.D. Chougale participated in this drive. Areanear 'Veer Shiva Kashid Samadhi Parisar'was cleaned properly by coordinators and volunteers.

NSS Volunteers at Veer Shiva Kashid Samadhi, Nebapur Panhala

.

NSS Volunteers Cleaning Samadhi Parisarat Nebapur Panahala.

NSS Volunteers at Samadhi Parisarat Nebapur Panahala.

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)
DTE INSTITUTE CODE : EN-6288
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050
Web : http://coekolhapur.bharatividyapeeth.edu E- mail : coekolhapur@bharatividyapeeth.edu

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

Ref. No. BV/COEK / 157 / 2021-2022.

Date : 13/07/22.

To,

Director,

National Service Scheme.

Shivaji University,

Kolhapur.

Subject: - Regarding Submission of Expenditure of Special N.S.S. Camp for Year 2021-22.

Respected Sir,

Herewith we are submitting expenditure file of Special NSS,Camp (At Kaneriwadi,Tal-Karveer) audited by Chartered Accountant. This Program was arranged by our college under the guidance of Shivaji University,Kolhapur for the year 2021/22.

Sr.No.	Year.	Expenditure for N.S.S.Camp.(Rs.)
01.	2021-22	38,530/-

We would be very much thankful for the same.

Thanking you.

Yours Truly,

(Dr. Vijay R.Ghorpade.)
PRINCIPAL
BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING

13/07/22

ACCOMPANIMENT OF GOVERNMENT RESOLUTION FINANCE DEPARTMENT
No. GIA-१०८५/१९१०/१३८-A/GEN-५ dated २४th February, १९४५

FORM OF UTILIZATION CERTIFICATE

Sr. No. Letter No. Amount

१. विद्यापीठाकडून मिळालेले अनुदार
-Nil-

२. महाविद्यालयाकडून घेतलेली उचल रक्कम 38,530/-

Total: Rs-38,530/-

Certified that out of Rs. 22,500/- of Grants-in-aid sanctioned during the year 2021/22 in favour of N.S.S. Camp under this Department letter No. given in margin and Rs. Nil on account of unspent Balance of the previous year a sum of Rs. 38530/- has been utilized for the purpose of Camp Expenses.

for which it was sanctioned and that the balance of Rs. --- remaining unutilized at the end of the year has been surrendered to Government (Vide No. --- dated --- will be adjusted towards the grants-in-aid payable during the next year. ---.

3. Certified that I have satisfied myself that the conditions on which grants-in-aid was sanctioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose of which it was sanctioned.

Kinds of Check exercised: [ऑडीटराचे हिशेब तपासणी केलेबदलचे शेरे]

१) Cash Book

२) Vouchers

३)

४) ---

५)

Signature of Chartered Accountant

Signature of Grantee Designation Date

सही/-
लेखापरीक्षक
For Powar, Samant and Jadhav
Chartered Accountants

सही/-
प्राचार्य
PRINCIPAL
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

सही/-
प्रकल्प अधिकारी
N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

POWAR SAMANT & JADHAV FRN 119605W KOLHAPUR

Anil B. Jadhav
Partner
Mem No. 121001

Name of the College & Address: BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR-416013

NSS Special Camping Programme

Allotted Student Strength: 50

Adopted Village Name: Kanchiwadi, Tal- Karveer, Dt-Kop.

RECEIPTS AND PAYMENTS A/C FOR THE SPECIAL CAMPING PROGRAMME 200 TO 200

Receipts	Amount	Payments	Amount
1. Opening Balance		1. Special Camp Dinner Expenditure	34300/-
Cash	-Nil-		
Bank	-Nil-	2. Invitation Card Printing Exp.	200/-
2. Grant Received from University			
3. Advance Received from College & Others	38530/-	2. Camp Audit Fee	590/-
a) College			
b) Others		3. Travelling Exp.	1650/-
		4. Other Expenditure	
		1. Photo Exp.	120/-
		2. Honorarium Exp.	1000/-
		3. Garland Exp.	320/-
		4. Postage Exp.	
		5. Stationery Exp.	
		6. Bank Commission	
		7. Board Exp.	
		8. Camp Ceremony Exp.	
		NSS Flex Print	350/-
		5. Closing Balance	
		Cash	
		Bank	-Nil-
	38,530/-		38,530/-

Signature of Chartered Accountant
For Powar Samant and Jadhav

Signature of the Principal

Signature of Program Officer
N.S.S.CO-ORDINATOR

महाविद्यालयाचे नांव:—————— [illegible] एकूण स्वयंसेवकांची संख्या 50

व पत्ता ———— कोल्हापूर [illegible] —— शिबिराचे ठिकाण— कुरुकली / नकरवाडी ता. करवीर, जि. कोल्हापूर

विशेष शिबिराचे वर्ष:— 2021/22.

विशेष शिबिराची तारीख:— 14/03/22 ते 20/03/22.

राष्ट्रीय सेवा योजना विशेष शिबिर जमा व खर्चाचे हिशेब पत्रक

जमा	रक्कम रुपये	खर्च	रक्कम रुपये
अ. आरंभीची शिल्लक		अ. विशेष शिबिर भोजन खर्च	
रोख	Nil.	1. भोजन, चहा, नाष्टा खर्च	34,300/-
बँक	Nil.	(व्हौचर क.—ते—)	
ब. शिबिरासाठी विद्यापीठाकडून मिळालेली ॲडव्हान्स अनुदानाची रक्कम		2. शिबिर किराणा वस्तु व इतर खरेदी खर्च (व्हौचर क.—ते—)	
		अ. किराणा वस्तु खरेदी	
क. महाविद्यालयाकडून शिबिरासाठी जादा लेणा—या खर्चाची रक्कम ॲडव्हान्स म्हणून घेतलेली	38,530/-	ब. भाजीपाला खरेदी	
		क. दूध खरेदी	
		ड. जळण खरेदी	
1. 38,530/-		इ. आचारी मजूरी	
2.		ई. दळण खर्च	
3.		फ. किता खर्च	
		ज. भांडी भाडे खर्च	
38,530/-		ब. शिबिर निमंत्रण पत्रिका छपाई खर्च (व्हौचर क.—ते—)	200/-
ड. इतर जमा			
1.		क. शिबिर प्रवास खर्च व वाहतूक भाडे (व्हौचर क.—ते—)	1,650/-
2.			
3.		ड. शिबिर ऑडीट फी खर्च.	590/-
		इ. इतर शिबिर खर्च (व्हौचर क.—ते—)	
		1. शिबिर फोटो खर्च	120/-
		2. शिबिर साधन खर्च	1,000/-
		3. शिबिर हार व गुच्छ खर्च	320/-
		4. शिबिर पोस्टेज खर्च	
		5. शिबिर स्टेशनरी खर्च	
		6. शिबिर समारोप खर्च	
		7. बँक कमीशन Flex Print	350/-
		फ. अखेरची शिल्लक— रोख	
		बँक	
एकूण जमा	38,530/-	एकूण खर्च	38,530/-

For Powar, Samant and Jadhav
Chartered Accountants

लेखा परीक्षकाची सही व शिक्का

POWAR SAMANT & JADHAV, FRN 119605W, KOLHAPUR, Chartered Accountants

Anil B. Jadhav
Partner
Mem No. 121001

कार्यक्रम अधिकारी सही व शिक्का

N.S.S. CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.

प्राचार्य सही व शिक्का

7

SC	ST	OTHER	TOTAL
06	–	44	50

शिवाजी विद्यापीठ, कोल्हापूर

विद्यापीठाने रा.से.यो. एककाकडून लेखे स्विकारण्याबावत विहीत नमुना

ब) विशेष शिबीर कार्यक्रम ~~2009-2010~~ 2021/22.

१. एककाचे नांव : अभियांत्रिकी महाविद्यालय R. B. Lakepurl.

२. कार्यक्रम अधिकाऱ्याचे नांव :

३. एकूण विद्यार्थी संख्या : 50.

४. विद्यापीठाकडे विशेष शिबीराकरीतानंजूर केलेली विद्यार्थी संख्या : 50.

५. प्रत्यक्षात शिबीरात सहभागी झालेली विद्यार्थी संख्या : पुरुष 32 स्त्री 18 एकूण 50.

६. रा.से.यो. व्यतिरिक्त सहभागी झालेल्या सदस्यांची संख्या : पुरुष – , स्त्री – एकूण

७. सहभागी झालेल्या शिक्षकांची संख्या : पुरुष 04 स्त्री 04 एकूण 08

८. शिबीराचे ठिकाण : कणेरीवाडी, ता. करवीर, जि. कोल्हापूर

९. शिबीराचा कालावधी : 14/03/2022 ते 20/03/2022.

१०. शिबीरात सहभागी झालेल्या प्रतिनिधींची उपस्थिती पत्रकांची झेरॉक्स प्रत : सोबत जोडली आहे. ✓

११. शिबीरासाठी एकूण अनुज्ञेय अनुदान : रुपये –

१२. महाविद्यालयाकडील मागील वर्षाची शिल्लक : रुपये – Nil –

१३. चालू वर्षी विद्यापीठाकडून मिळालेले एकूण अनुदान : रुपये 15750/-

१४. संकिर्ण जमा (व्याज, इतर मार्गाने) : रुपये निरंक –

१५. महाविद्यालयाकडील एकूण उपलब्ध रक्कम (स्तंभ क्र. १२,१३,१४) : रुपये

Actual Sanctioned → ₹ 22,500/-
Advance Received → ₹ 15750/-
Receivable from University → ₹ 6750/-

१६. चालू वर्षी शिबीरासाठी केलेला खर्च :

अ) प्रवास खर्च	रुपये	1,050/-
ब) निवास / भोजन खर्च	रुपये	34,300/-
क) अन्य किरकोळ खर्च	रुपये	4,230/-
एकूण	रुपये	38,530/-

१७. महाविद्यालयाकडील अंतिम खर्च शिल्लक रुपये :

ब) रोख – रुपये – निरंक –

शिबीराचा संक्षिप्त अहवाल पाच ओळींमध्ये : सोबत जोडला आहे. ✓

प्रमाणित करण्यात येते की, वरील सर्व माहिती मी व्यक्तीश: पडताळून पाहिली व ती बरोबर आहे.

For Powar, Samant and Jadhav
Chartered Accountants

Anil B. Jadhav
Partner
Mem No. 121301

कार्यक्रम अधिकारी / N.S.S. COORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

प्राचार्य

सनदी लेखापरिक्षक / Chartered Accountants

ग्रामपंचायत नेबापूर

ता.पन्हाळा जि.कोल्हापूर

2022/2023

CERTIFICATE OF APPRECIATION

This certificate has been awarded to NSS team Bharati Vidyapeeth'scollege of Engineering Kolhapur for conducting cleanliness drive at,'Veer Shiva Kashid Samadhi Parisar' Village –Nebapur Tal-Panhala Kolhapur on 28th May 2022.Weappreciate the efforts taken by your NSS team and organization for contribution for cleanliness drive and creating awareness in young minds regarding spiritual and holistic approach.

सरपंच
ग्रामपंचायत नेबापूर
ता. पन्हाळा, जि. कोल्हापूर.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** **:** NSS unit anddisaster management cell BVCOEK
- **Name of Activity** **:** Cleaning camp at Ankalkhop, Tal. Palus, Dist Sangli
- **Date of Activity** **:** 27th - 28th July 2021
- **No. of Participants** **:** 41
- **Details of Activity:**Due to heavy rainfall in July 2021 many of the villagers are suffering due to their loss and destruction of farms homes. Life of many families was in trouble and they are facing lots of problems. So as social responsibility Bharati Vidyapeeth's College of Engineering Kolhapur carried out Rehabilitation work (Cleaning camp) after flood situation atAnkalkhop. Two days cleaning camp dated 27th and 28th July 2021 is organized at Ankalkhop, Tal. Palus, Dist Sangli.NSS unit of BVCOEK, disaster management cell work in combine to conduct this activity. All NSS volunteers helped villagers to clean their homes and also cleaned roads
- **Outcome of Activity:** Students understood about social responsibility of individual towards society
- **Photo:**

Cleaning of flood affetcetd aresa in Ankalkhop

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department** : National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity** : Organization of "Plastic Free Drive'' in Kolhapur City.
- **Date of Activity** : 02/07/2021
- **No. of Participants** : 08 NSS VOLUNTEERS
- **Details of Activity** : Social worker Shri K.D.Joshi and Social forum team in Mukta Sainik Vasahat organized one day, `Plastic free drive' in Kolhapur city in collaboration with NSS DEPT of Shivaji University, Kolhapur. According to instructions from S.U.K. NSS DirectorNSS Volunteers from Bharati Vidyapeeth's College of Engineering, Kolhapur participated in above drive. In this drive MuktSainikVasahat colony area is covered in this area volunteers collected waste plastic, bags, etc.Also,Tarrani Statue Circle area is cleaned plastic waste and other type of waste iscollected.Total 6 bagwere filled with waste and were destroyed. In this drive volunteers from all departments were present along with NSS coordinator Mr.R.B.Lokapure and all departmental NSS coordinators.

- **Outcome of Activity :** Volunteers learnt about importance of plastic free drive, social awareness.

NSS Volunteers Collected Plastic Waste.

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity:** Organization of Gram Swacchta Abhiyanat Mouje Sangaon
- **Date of Activity:**5th Feb 2020
- **Participants:** HOD, Faculty and Students of Civil Engineering department
- **Details of Activity:**NSS residential camp was organized atMoujeSangaon. NSS Volunteers worked out for cleaning of Main roads of village and collecting all types of waste and scrap materials. After collecting this material all waste is burnt by NSS Volunteers. This abhiyan was conducted at Dasrachouk.in Mouje Sangaon, Z.P.Hospital, Asohoktalavetc. In this Abhiyan all NSS Volunteersparticipated. This activity was carried out under guidance of Shri. NandkumarPatil (Social Worker) and NSS Coordinator.Mr.R.B.Lokapure

Volunteers Cleaning- Ashok Talav Area

Gram Swachhata Abhiyan. –Near Z.P. School, Gutter Side Roads Etc.

NSS Volunteers worked for next day to clean Z.P. school areas. And village gutter side wastage cleaned, under the guidance of social worker ShriNandkumarPatil so, and NSS Head R.B. Lokapure.

'Cleanliness of PirDrgaParisar' in MoujeSangaon.

During this camp all village roads cleaned by our volunteers but the Darga area where huge wastage and other unwanted materials is there so same collected and all areas is cleaned

NSS Unit BVCOEK

NSS Coordinator

Principal

(07)

महालक्ष्मी भोजनालय (06)
शाहुपूरी ४ थी गल्ली, कोल्हापूर

07/03/2020

मा. प्रिन्सीपॉल,
भारती विद्यापीठ कॉलेज
कोल्हापूर

शिरा (100 प्लेट) – 6501
चहा (100 कप) – 3401

= रु 9901

IT MEMO — नगद / पत्र रसिद
...कँन्टीन, ...कोल्हापूर.
No.: 07
Date: 7/03/2020
श्री. ... भारती विद्यापीठ कॉलेज कोल्हापूर

PARTICULAR विवरण	RATE दर	AMOUNT ₹ रक्कम
शिरा प्लेट 100		6501-00
चहा (100 कप)		3401-00
धन्यवाद	TOTAL टोटल	9901

"PAID & CANCELLED"

N.S.S. CO-ORDINATOR BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR

A/C Principal Bharati Vidyapeeth's College of Engineering

खर्च तपशिल :-
पन्हाळा येथे विशेष स्वच्छता मोहिम – सहभागी स्वयंसेवकांना चहा / नाश्ता देण्यात आला.

1) सकाळी चहा + नाश्ता = 9901 रु दिले

2) अभियान समाप्ती नंतर शिरा + चहा = 9901 रु दिले.

॥ सर्वे जनहितम् भवेत्॥

ग्रामपंचायत मौजे सांगाव

स्था. १०/३/१९५३ ता. कागल, जि. कोल्हापूर. फोन : (०२३२५) २३४८६८

• घरफाळा व पाणीपट्टी वेळेत भरून सहकार्य करा. • पाणी जपून,उकळून व गाळून पिणे आरोग्यास हितकारक आहे. बालविवाह टाळा.
• कुटुंब नियोजन करा.• लेक वाचवा,कळी उमलण्याआधी तोडू नका. • आपला परिसर स्वच्छ व निर्मल ठेवा.• झाडे लावा,झाडे जगवा.
• वृक्षारोपण करा. • जन्म,मृत्यू,विवाह नोंद २१ दिवसाचे आत नोंद करा. • घरोघरी शौचालय बांधा व नियमित वापर करा.

जा. क्र./ग्रा. पं./वशि/७५/२०१७.
ग्रा. पं. मौजे सांगाव, ता. कागल.
तारीख : ०६/ ०८ /२०१९.

प्रति, **ग्रामपंचायत मौजे सांगाव.**

मा.प्राचार्यसो,

भारती विद्यापिठ इंजिनिअरिंग कॉलेज, कोल्हापूर.

सरपंच/ ग्रामविकास अधिकारी ग्रामपंचायत मौजे सांगाव, ता. कागल याजकडुन.

महोदय,

महाराष्ट्र केंद्रशास अंतर्गत शिवाजी विद्यापिठाच्या मार्गदर्शनाखाली ग्रामीण विकास हे ध्येय नजरेसमोर ठेवुन राष्ट्रीय सेवा योजना विशेष श्रमसंस्कार मुक्कामी शिबीर दि.03/02/2020 ते 09/02/2020 इ.रोजी पर्यंत यशस्वीरित्या पार पाडुन आमच्या गावातील ग्रामस्थांना आपला परिसर स्वच्छ व सुंदर ठेवणेबाबत उत्बोधन केले व विविध पथनाट्ये केली तसेच ग्रामपंचायत मार्फत (SMS) एस.एम.एस. सुविधा राबविणेकरता सर्व वार्डानुसार सर्व्हे केला. तसेच या शिबीराच्या माधियमातुन लोकांना स्वच्छतेचे महत्व सांगितले. आणखी गावामध्ये प्रबोधन व्याख्याने व सास्कृतिक कार्यक्रमांचे आयोजन करुन त्याचा लाभ सर्व ग्रामस्थांना करुन दिला.

स्वच्छ भारत अभियांना अंतर्गत गावातील मुख्य रस्ते साफसफाई करुन दिले. तसेच गावातील माध्यमिक शाळेत जाऊन सर्व विद्यार्थ्यांना प्रधानमंत्री कौशल्य योजनेविषयी माहिती व विज्ञानविषयी माहिती इ. कार्यक्रम राबविले.वरील कार्यक्रमांचा लाभ अनेक विद्यार्थ्यांनी व ग्रामस्थांनी घेतला. त्याबद्दल भारती विद्यापिठ इंजिनिअरिंग कॉलेज यांचे आभार.

ग्रामविकास अधिकारी
ग्रा.पं. मौजे सांगाव ता. कागल
ग्रा.प.मौ. सांगाव.

मा. उपसरपंच
ग्रा. पं. मौ. सांगाव, ता. कागल
ग्रा.प.मौ. सांगाव

मा. सरपंच
ग्रा. प. मौजे सांगाव, ता. कागल
ग्रा.प.मौ. सांगाव

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

Accredited by NAAC With 'A' Grade
Approved by AICTE, New Delhi & Affiliated to Shivaji University, Kolhapur
Near Chitranagari, Kolhapur - 416013 (MS)
DTE INSTITUTE CODE : EN-6288
Tel.No.: (0231) 2638893, 2638894, Fax : 2636050
Web : http://coekolhapur.bharatividyapeeth.edu E- mail : coekolhapur@bharatividyapeeth.edu

FOUNDER CHANCELLOR
Dr. Patangrao Kadam
M.A., LL. B., Ph. D.

PRINCIPAL
Dr. Vijay Ghorpade
M.E., Ph. D. (Computer)

Ref. No. BV/COEK / 168 / 2021 -2022

Date : 8/09/2021

To,

Director,

National Service Scheme.

Shivaji University,

Kolhapur.

Subject: - Regarding Submission of Expenditure of Special NSS.Camp for Year 2019-20.

Respected Sir,

Herewith we are submitting expenditure file of Special NSS, Camp (At Mouje Sangaon) audited by Chartered Accountant. This Program was arranged by our college under the guidance of Shivaji University, Kolhapur for the year 2019/20.

Sr.No.	Year.	Expenditure for NSS.Camp.(Rs.)
01.	2019-20	33,560 /-

We would be very much thankful for the same.

Thanking you,

Yours Truly,

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR

(Dr. Vijay R.Ghorpade.)

Principal
Bharati Vidyapeeth's
College Of Engineering

29 Sept 2021
For Registrar
Shivaji University
Kolhapur

ACCOMPANTMENT OF GOVERNMENT RESOLUTION FINANCE DEPARTMENT
No. GIA-१०१७/१११०/१३८-A/GEN-५ dated २५th February, १९९७

FORM OF UTILIZATION CERTIFICATE

Sr. No.	Letter No.	Amount
१.	विद्यापीठाकडून मिळालेले अनुदार	— Nil —
२.	महाविद्यालयाकडून घेतलेली उचल रक्कम	33,560/-

Certified that out of Rs. 22,500/- of Grants-in-aid sanctioned during the year 2019/20 in favour of N.S.S. Camp under this Department letter No. given in margin and Rs. Nil. on account of unspent Balance of the previous year a sum of Rs. — has been utilized for the purpose of Camp Expenses.

Total: Rs. - 33,560/-

for which it was sanctioned and that the balance of Rs. — remaining unutilized at the end of the year has been surrendered to Government (Vide No. — dated — will be adjusted towards the grants-in-aid payable during the next year. —.

3. Certified that I have satisfied myself that the conditions on which grants-in-aid was sanctnioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose of which it was sanctioned.

Kinds of Check exercised: [ऑडीटरांचे हिशेब तपासणी केलेयदलचे शेरे]

१) Cash-Book. Allowable expenditure Rs. 20700/-

२) Vouchers. UDIN 21122661AAAAAA8374.

३)

४)

५)

Signature of Chartered Accountant
For Sankpal Kulkarni & Associates
Chartered Accountants
Vrishali
(Vrishali S Kulkarni)
Partner M No. 122661

Signature of Grantee Designation Date.

सही/-
प्राचार्य
Principal
Bharati Vidyapeeth's
College Of Engineering, Kolhapur

सही/-
प्रकल्प अधिकारी
N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE O.
ENGINEERING, KOLHAPUR.

२ SEP 2021

Sankpal Kulkarni & Associates
Kolhapur
Chartered Accountants

Name of the College & Address: COLLEGE OF ENGINEERING KOLHAPUR-416013

NSS Special Camping Programme

Allotted Student Strength: 50

Adopted Village Name: Mouje-Seregaon, Tal-Kagal, Dt.-Kolhapur.

RECEIPTS AND PAYMENTS A/C FOR THE SPECIAL CAMPING PROGRAMME 2019 TO 2020.

Receipts	Amount	Payments	Amount
1. Opening Balance		1. Special Camp Dinner Expenditure	29050/-
Cash	-Nil-		
Bank			
2. Grant Received from University	-Nil-	2. Invitation Card Printing Exp.	370/-
3. Advance Received from College & Others		2. Camp Audit Fee	590/-
a) College	33560/-		
b) Others		3. Travelling Exp.	1650/-
		4. Other Expenditure	
		1. Photo Exp.	375/-
		2. Honorarium Exp.	1000/-
		3. Garland Exp.	525/-
		4. Postage Exp.	
		5. Stationery Exp.	
		6. Bank Commission	
		7. Board Exp.	
		8. Camp Ceremony Exp.	
		5. Closing Balance	
		Cash	-Nil-
		Bank	
	33560/-		33560/-

Signature of Chartered Accountant

For Sankpal Kulkarni & Associates
Chartered Accountants

(Vrishali S. Kulkarni)
Partner M No 122661

12 SEP 2020

Sankpal Kulkarni & Associates Kolhapur

Signature of the Principal

Principal
Bharati Vidyapeeth's
College Of Engineering, Kolhapur

Signature of Program Officer

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.

महाविद्यालयाचे नांव: अभियांत्रिकी महाविद्यालय शिबिरार्थींची संख्या 50

व पत्ता कोल्हापूर 416013 शिबिराचे ठिकाण मौ. सोनाळी ता. कागल.

विशेष शिबिराचे वर्ष: 2019/20.

विशेष शिबिराची तारीख: 03/02/20 ते 09/02/2020

राष्ट्रीय सेवा योजना विशेष शिबिर जमा व खर्चाचे हिशेब पत्रक

जमा	रक्कम रुपये	खर्च	रक्कम रुपये
अ. आरंभीची शिल्लक		अ. विशेष शिबिर भोजन खर्च	
रोख	-Nil-	1. भोजन, चहा, नाष्टा खर्च	29,050/-
बँक	-Nil-	(व्हौचर क्र.---ते---)	
ब. शिबिरासाठी विद्यापीठाकडून मिळालेली ॲडव्हान्स अनुदानाची रक्कम	-Nil-	2. शिबिर किराणा वस्तु व इतर खरेदी खर्च (व्हौचर क्र.---ते---)	
		अ. किराणा वस्तु खरेदी	
क. महाविद्यालयाकडून शिबिरासाठी जादा होणा--या खर्चाची रक्कम ॲडव्हान्स म्हणून घेतलेली	33,560/-	ब. भाजीपाला खरेदी	
		क. दूध खरेदी	
		ड. जळण खरेदी	
1. 33,560/-		इ. आचारी मजूरी	
2.		ई. वळण खर्च	
3.		फ. रिक्षा खर्च	
33,560/-		ज. भांडी भाडे खर्च	
		ब. शिबिर निमंत्रण पत्रिका छपाई खर्च (व्हौचर क्र.---ते---)	370/-
ड. इतर जमा			
1.		क. शिबिर प्रवास खर्च व वाहतूक भाडे (व्हौचर क्र.---ते---)	1,650/-
2.			
3.		ड. शिबिर ऑडीट फी खर्च.	590/-
		इ. इतर शिबिर खर्च (व्हौचर क्र.---ते---)	
		1. शिबिर फोटो खर्च	375/-
		2. शिबिर मानधन खर्च	1000/-
		3. शिबिर हार व गुच्छ खर्च	525/-
		4. शिबिर पोस्टेज खर्च	
		5. शिबिर स्टेशनरी खर्च	
		6. शिबिर समारंभ खर्च	
		7. बँक कमीशन	
		फ. अखेरची शिल्लक-- रोख	-Nil-
		बँक	
एकूण जमा	33560/-	एकूण खर्च	33,560/-

लेखा परीक्षकाची सही
For Sankpal Kulkarni & Associates
Chartered Accountants
Vishal S. Kulkarni
Kulkarni & Associates Kolhapur

कार्यक्रम अधिकाऱ्याची सही व शिक्का
N.S.S. CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR

प्राचार्य सही व शिक्का
Principal
Bharati Vidyapeeth's College Of Engineering Kolhapur

7.

शिवाजी विद्यापीठ, कोल्हापूर

SC	ST	OTHER	TOTAL
05	00	45	50

विद्यापीठाने रा.से.यो. एककाकडून लेखे स्विकारण्याबाबत विहीत नमुना

ब) विशेष शिबीर कार्यक्रम विद्यापीठाचे 2019-2020

१. एककाचे नांव : **अभियांत्रिकी महाविद्यालय**

२. कार्यक्रम अधिकाऱ्याचे नांव : कोल्हापूर - ४१६००३

३. एकूण विद्यार्थी संख्या : 50

४. विद्यापीठाकडे विशेष शिबीराकरीतामंजूर केलेली विद्यार्थी संख्या : 50

५. प्रत्यक्षात शिबीरात सहभागी झालेली विद्यार्थी संख्या : पुरुष 50 स्त्री 0 एकूण 50

६. रा.से.यो. व्यतिरिक्त सहभागी झालेल्या सदस्यांची संख्या : पुरुष – स्त्री – एकूण –

७. सहभागी झालेल्या शिक्षकांची संख्या : पुरुष 05 स्त्री 01 एकूण 06.

८. शिबीराचे ठिकाण : मौ. सांगाव, ता. कागल, जि. कोल्हापूर.

९. शिबीराचा कालावधी : 03/02/2020 ते 09/02/2020.

१०. शिबीरात सहभागी झालेल्या प्रतिनिधींची उपस्थिती पत्रकांची झेरॉक्स प्रत : सोबत जोडली आहे. ✓

११. शिबीरासाठी एकूण अनुज्ञेय अनुदान : रुपये –

१२. महाविद्यालयाकडील मागील वर्षाची शिल्लक : रुपये – Nil –

१३. चालू वर्षी विद्यापीठाकडून मिळालेले एकूण अनुदान : रुपये – Nil –

१४. संकिर्ण जमा (व्याज, इतर मार्गाने) : रुपये निरंक .

१५. महाविद्यालयाकडील एकूण उपलब्ध रक्कम (स्तंभ क्र. १२,१३,१४) : रुपये

१६. चालू वर्षी शिबीरासाठी केलेला खर्च :

अ) प्रवास खर्च	रुपये	1650/-
ब) निवास / भोजन खर्च	रुपये	29,050/-
क) अन्य किरकोळ खर्च	रुपये	2860/-
एकूण	रुपये	33560/-

१७. महाविद्यालयाकडील अंतिम खर्च शिल्लक रुपये :

ब) रोख – रुपये – निरंक –

शिबीराचा संक्षिप्त अहवाल पाच ओळींमध्ये : सोबत जोडला आहे. ✓

प्रमाणित करण्यात येते की, वरील सर्व माहिती मी व्यक्तीश: पडताळून पाहिली व ती बरोबर आहे.

For Sankpal Kulkarni & Associates
Chartered Accountants
(Vishal S Kulkarni)
Partnership No. 123681

कार्यक्रम अधिकारी
N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR.

प्राचार्य/Principal
Bharati Vidyapeeth's College Of Engineering,Kolhapur

Sankpal Kulkarni & Associates Kolhapur Chartered Accountants

SEP 2021

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

N.S.S.UNIT.

Attendance of Students Attended NSS Camp held at Mouje Sangaon from 03/02/2020 to 09/02/2020.

Sr. No	Name of Student	Branch	03/2/20		04/2/20		05/2/20		06/2/20		07/2/20		08/2/20		09/2/20	
			M.	E.	M.	E.	M.	E.	M.	E.	M.	E.	M.	E.	M.	E.
1	Jadhav Hrishkesh S.	E&TC														
2	Ingale Dhananjay Balasaheb	E&TC														
3	Magadum Vishal Maruti	E&TC														
4	Mane Manoj Mohan	E&TC														
5	Wadkar Sameer Vilas	E&TC														
6	Asule Ankush Mahadev	E&TC														
7	Satushe Kishor Shrirang	E&TC														
8	Patil Dhairyashil Dayanand	E&TC														
9	Ruturaj Patil	E&TC														
10	Momin Khalid R.Ahamad	E&TC														
11	Bharmal Digvijay S	E&TC														

Sr. No	Name of Student	Branch	03/2/20		04/2/20		05/2/20		06/2/20		07/2/20		08/2/20		09/2/20	
12	Damare Chetan Shivaji	E&TC														
13	Mahadik Akash R.	E&TC														
14	Yadav Sharad Adhikrao	CSE														
15	Mahajan Abhishek Shivaji	CSE														
16	Kamble Vaibhav Dilip	CSE														
17	Gaikwad Onkar Anil	CSE														
18	Patankar Yashraj Jagadish	CSE														
19	Mujawar Sameer Maulaali	CSE														
20	Patil Sohan Balasaheb	CSE														
21	Sutar Ishwar Rajendra	CSE														
22	Kanbargi Onkar Ravindra	CSE														
23	Thanekar Ajay Uday	CSE														
24	Bhakre Shubham Rajendra	CSE														
25	Yetale Rahul Ashok	CSE														
26	Bamane Shubham D.	CIVIL														
27	Kamble Anirudha S.	CIVIL														
28	Bodake Prathamesh R.	CIVIL														
29	Sutar Uttam Sanjay	CIVIL														
30	Talekar Shubham Ananda	CIVIL														
31	More Akash Narasu	CIVIL														

Sr. No	Name of Student	Branch	03/2/20		04/2/20		05/2/20		06/2/20		07/2/20		08/2/20		09/2/20	
32	Dhotre Akash Dilip	CIVIL														
33	Khade Suraj Shankar	CIVIL														
34	Shitole Yogiraj Mansing	CIVIL														
35	Niraj Chindhe	CIVIL														
36	Avinash Patil	CIVIL														
37	Raut Parth A	CIVIL														
38	Vhannure Ajit Laxman	CIVIL														
39	Dange Tahir R.	MECH														
40	Viswajeet Yadav	MECH														
41	Ajinkya Mohite	MECH														
42	Manoj Gadve	MECH														
43	Prasad Pawar	MECH														
44	Shubham Thorat	MECH														
45	Pravin Kusale	MECH														
46	Swapnil Nagre –Patil	MECH														
47	Rahul Desai	MECH														
48	Shubham Gavade	MECH														
49	Shubham Bhogate	MECH														
50	Suresh Sirsat	MECH														
51	Rohit Parit	MECH														
52	Shubhammalvi	MECH														
53	Sachin Chavan	MECH														

Sr. No	Name of Student	Branch	03/2/20		04/2/20		05/2/20		06/2/20		07/2/20		08/2/20		09/2/20	
54	Sammed Patil	MECH	Present		Present		Present		Present		Present		Present		Present	
55	Vaishnav Patil	MECH	Present		Present		Present		Present		Present		Present		Present	

SC	ST	OTHER	TOTAL
05	00	45	50

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR.

Principal
Bharati Vidyapeeth's
College Of Engineering,Kolhapur

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity :** Organisation of Ralley for Social Awareness cleanliness
- **No. of Participants :**25
- **Details of Activity:**In order to create awareness regarding various social issues rally is a very effective medium. It is possible to spread a message in wide population through this. As a contribution to this NSS unit of BVCOEK planned and conducted a rally in MoujeSangaonKolhapur. The main purpose of this rally to create public awareness on various social issues such as save the water, importance of the trees in our life, trees plantation, save the girl child, 'Digital India'. In the rally there are various Banners, posters where included that spreads awareness among the people, which will also bring in the sense of responsibility and duty towards nation. Different slogans are given by NSS volunteers. The slogans are about, `Save baby girl', 'Tree plantation', 'Save water'`SwachhaBharat, Sunder Bharat', & Jay jawan, Jay Kisan'. etc. All participants took active participation in this rally.

Ralley at Mouje Sangaon

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:**National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity:**Activity for supplying water to 500 Mango Plants planted by grampanchyat.
- **Date of Activity :** 07/03/2020
- **No. of Participants: 80** Volunteers
- **Participants :** NSS CoordinatorMr.R.B.Lokapure, Mr.H.B.Patil and Volunteers.
- **Details of Activity:**In villageMoujeSangaon Grampanchyat planted 500 no's of mango trees in their area near Kagal-road. So, it is necessary to water this plant time to time which is time consuming task. With respect to this as a social responsibility NSS unit of BVCOEK NSS volunteers taken initiative for watering these mango plants by using water supply system. Water is supplied to all plants by NSS Volunteers under guidance of social worker ShriNandkumarPatil.Also, this area were full with unusual wastages and other non-degradable plastics etc.so cleaning and dumping of all wastage is carried out by our NSS Volunteers.

NSS Volunteers BVCOEK

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:**National Service Scheme **(**NSS) unit BVCOEK
- **Name of Activity :** Organization of Cleanliness program at Panahala fort Kolhapur
- **Date of Activity :**07/03/2020
- **No. of Participants:** 100 Nos. Volunteers
- **Participants:**NSS CoordinatorMr.R.B.Lokapure, Mr.H.B.Patil and Volunteers.
- **Details of Activity:**MTDC officials have raised concerns over the poor condition of the states forts in Maharashtra. With reference to this as a social responsibility Bharati Vidyapeeth's College of Engineering Kolhapur taken aninitiativeto clean Panhalafort swachhtaabhiyan drive. In this swachhtaabhiyan NSS unit of BVCOEK participated to clean fort area. NSS team taken a initiative for cleanliness program in which they cleaned and washed Bajiprabhu Statue as well as cleanedroads. Also collected plastic and other waste from fort. For this activity college NSS Coordinator Mr.R.B.Lokapure,Mr.H.B.Patil,Mr.R.R.Suryawanshi, all departmental coordinators andNSS Volunteers were present.

NSS volunteers participated in ``SWACHHTA ABHIYAN'' at Panahala fort.

NSS Coordinator

Principal

(07)

महालक्ष्मी भोजनालय (06)
शाहुपूरी ४ थी गल्ली, कोल्हापूर

07/03/2020

मा. प्रिन्सीपॉल,
भारती विद्यापीठ कॉलेज
कोल्हापूर

बिस्किट (100 प्लेट) – 650/-
चहा (100 कप) – 340/-

= रु 990/-

"PAID & CANCELLED"
N.S.S. CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR
A/C
Principal
Bharati Vidyapeeth's College of Engineering

...IT MEMO — नगद / पत्र रसिद

...कँटीन
..., कोल्हापूर.

No. / क्रमांक : 07
Date / दिनांक : 7/03/2020

श्री. ग्राहक: भारती विद्यापीठ कॉलेज कोल्हापूर

PARTICULAR विवरण	RATE दर	AMOUNT रक्कम ₹
पार्ले बिस्किट पुडे		650-00
चहा (100 कप)		340-00
Thank You — धन्यवाद	TOTAL टोटल	990/-

A/C
N.S.S. CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR
Principal
Bharati Vidyapeeth's College of Engineering
"PAID & CANCELLED"

खर्चे तपशील :–
पन्हाळा येथे विशेष स्वच्छता मोहिमे – स्वयंसेवक व्याप्रमाणे सर्वांना चहा / नाश्ता देण्यात आला.

1) सकाळी चहा + नाश्ता = 990/- रु दिले
2) अभियान समाप्ती नंतर बिस्किट + चहा = 990/- रु दिले.

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** NSS unit BVCOEK,Disaster Management Cell
- **Name of Activity:** Rehabilitation work at Ankalkhop village in Sangli district after heavy rainfall & flood
- **No. of Participants :**60
- **Date of Activity: -**13/08/2019 to 14/08/2019
- **Participants: -**N.S.S. Coordinator, Disaster Management Cell Coordinator,

50N.S.S. Volunteers and staff members

- **Details of Activity:** In August 2019 heavy rainfall results into flood situation.The Panchganga and Krishna Riveroverflowed causing flood situation in Kolhapur and Sangli district. In this situation as a social responsibility Bharati Vidyapeeth's college of Engineering Kolhapur carried out rehabilitation work at village Anklekhop (District: Sangli). NSS Team of 50 volunteers andDisaster Management Cell of BVCOEK worked for two days from 13/08/19 to 14/08/19 for this. In this mission NSS volunteers cleaned and collected waste from village main roads. Helped villagers to clean and wash their homes.

NSS Volunteers Collecting Flood Wastages From Village Houses.

NSS volunteers collecting all wastages

KIT (Food grain, Mineral water, Biscuits etc.)Distribution in Kolhapur city. .

NSS Coordinator

Principal

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

- **Organizing Department:** National Service Scheme (NSS) Unit BVCOEK
- **Name of Activity:**Gram Swachhata Abhiyan at Mouje Sangaon
- **Date:** 11thFEB. 2019.
- **No. of Participants:**50 NSS Volunteers
- **Details of Activity:**Gram Swachhata Abhiyan was carried out by NSS volunteers at Mouje Sangaon for cleaning of Main roads of village and collecting all types of waste and scrap materials. After collecting this waste material all waste is burnt by NSS Volunteers. This Abhiyan is conducted at Dasra chouk.in Mouje Sangaon. In this Abhiyan all NSS Volunteers participated. This Abhiyan is conducted under guidance of Shri. Nand Kumar Patil(SocialWorker)andNSSHeadR.B.Lokapure.


मा.श्री.युवराज पाटील (बापू)

NSS Volunteers cleaning roads at in mouje sangaon

NSS Coordinator

Principal

ग्रामपंचायत मौजे सांगाव

ता. कागल, जि. कोल्हापूर.

स्था. १०/१/१९५१

जा. क्र./ग्रा. पं./सचि/३१८/२०२२
ग्रा. पं. मौजे सांगाव, ता. कागल
तारीख : २६/११/२०२२

CERTIFICATE OF APPRECIATION

This certificate has been awarded to NSS and cultural team of Bharati Vidyapeeth's College of Engineering Kolhapur for conducting and performing a street play on social issue, and other National issue at Mouje Sangaon Kolhapur on 10th Feb 2019. The primary goal of a street play is taking a social message to a large group of people. This helps to create a sense of awareness in the society in which we live. Every street play has a specific public social theme and the actor who performs should posses the skill to exhibit and portrays the theme well.

We appreciate the efforts taken by your NSS, Cultural team and organization.

ग्रामविकास अधिकारी
ग्रा. पं. मौजे सांगाव, ता. कागल, जि. कोल्हापूर

सरपंच
ग्रा. पं. मौजे सांगाव, ता. कागल

BHARTI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR.

NSS REGULAR ACTIVITY-YEAR- 2019-20.

SR.NO.	NAME														
1	MANE MANOJ MOHAN														
2	MAGADUM VISHAL MARUTI														
3	WADKAR SAMEER VILAS														
4	DAMARE CHETAN SHIVAJI														
5	ASULE ANKUSH MAHADEV														
6	SATUSHE KISHOR SHRIRANG														
7	ATHALE SHAILESH NIKHIL														
8	MALI SHUBHAM VIJAY														
9	BHARMAL DIGVIJAY SANJAY														
10	MAHADIK AAKASH RAMHARI														
11	CHAVAN ADITYA SUNIL														
12	SABANE SACHIN DIGAMBAR														
13	POWAR SAGAR GANAPATI														
14	PATIL DHAIRYASHIL DAYANAND														
15	TAMBEKAR RUTURAJ VITTHAL														
16	MOMIN KHALID RIYAJAHAMAD														
17	KESARKAR SHREE SANTOSH														
18	INGALE DHANANJAY														
19	JAMDADE ABHINANDAN														
20	SIDDHNURLE AKSHAY SANJAY														
21	BIRADAR CHANNAPPA ISHVAR														
22	MASURKAR RUSHIKESH RAJAN														
23	KHADE VINAYKUMAR TANAJI														
24	SHINDE SURAJ SADASHIV														
25	MANE VAISHANAVI TANAJIRAO														
26	PAWAR SNEHAL ARUN														
27	PAWAR SWAPNALI UDAY														

28	KURALE SHUBHAM ARVIND															
29	KASHID AKSHAY NANASO															
30	PATIL SURAJ SHAMRAO															
31	SHEWALE NIRANJAN															
32	MAKANDAR AHTESHAM IQBAL															
33	KELUSKAR ABHISHEK SANJAY															
34	MALEKAR SANKET KISHOR															
35	JANWADE KISHOR															
36	JANKAR BHAGYASHRI															
37	YADAV SHARAD ADHIKRAO															
38	MAHAJAN ABHISHEK SHIVAJI															
39	KAMBLE VAIBHAV DILIP															
40	GAIKWAD ONKAR ANIL															
41	BAMANE SHUBHAM D.															
42	KAMBLE ANIRUDHA S.															
43	BODAKE PRATHAMESH R.															
44	SUTAR UTTAM SANJAY															
45	TALEKAR SHUBHAM ANANDA															
46	MORE AKASH NARASU															
47	SAYYAD TAYYAB AHMAD															
48	SUTAR SUDHIR BHIMRAO															
49	DHOTRE AKASH DILIP															
50	PANKAJ PRAKASH GURAV															
51	SHINDE HRUSHIKESH															
52	KHADE SURAJ															
53	MANE SURAJ															
54	CHINDE NIRAJ															
55	BICHKAR JAYA HANMANT															
56	VRUSHALI VIJAY KADAM															
57	CHOUGULE SAYALI SANJAY															

58	MANE SWATI BHAGVAN														
59	PATIL VAISHNAVI BHAVWAN														
60	SAWANT TRUPTI														
61	SHINDE SWAPNIL SURESH														
62	PATIL ADITYA ANANDA														
63	NALWADE VISWAJEET V.														
64	SAWANT VIKIRAJ														
65	SHENDGE ARJUN MOHAN														
66	MULANI ALFAJ AIIJ														
67	PATIL KETAN BALASO														
68	KOKARE KIRAN APPASO														
69	SHINDE VISWAJEET														
70	PATIL RUSHIKESH DILIP														
71	BHOSALE PRASAD														
72	YADAV OMKAR RAJARAM														
73	DHANWADE OMKAR VIJAY														
74	DANGE TAHIR														
75	KAWALE VIKRANT														
76	MORE VISWAJEET														
77	YADAV SOURABHA														
78	DESAI ANANT														
79	SHINDE AKSHAY SANJAY														
80	KAMBLE SUMIT V														
81	MALVI SHUBHAM N.														
82	MANE SAGAR														
83	GAVDE SHUBHAM														
84	KHOPARDE SUDARSHAN S.														
85	MUJAWAR JUNED R.														
86	BHOGATE SHUBHAM S.														
87	MUTTANWAR KIRAN														

88	SHINDE AKSHAY															
89	SHAIKH AZAR															
90	CHAVAN PURVANK															
91	LALGE PRASAD															
92	INGVALE RUSHIKESH J.															
93	GAVKAR NITIN D.															
94	PATIL AJAY C.															
95	PADALKAR PRATHMESH															
96	ATTAR ANISA RASHID															
97	VANJARE SIDDHESH S.															
98	SUTAR ABHISHEK SUNIL															
99	DHOLE MANTHAN															
100	CHOGULE SWAPNIL															

Category-wise student list :→

SC → 12

ST → -Nil-

OTHER → 23

OPEN → 65

Total = 100 Nos.

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING ★ KOLHAPUR

Principal
Bharati Vidyapeeth's
College Of Engineering,Kolhapur

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF
ENGINEERING,KOLHAPUR.

(24)

CASH / CREDIT MEMO — नगद / पत रसिद

From : भारती कँन्टीन
चित्रनगरी, कोल्हापूर.
प्रोप्रा. श्री. स्वामी

No. : क्रमांक 4
Date : दिनांक 13/08/19

M/s. सर्वश्री प्राचार्य, भा. ई. कॉलेज.

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT ₹ रक्कम
	पोहे (100 प्लेट)	6.50/-	650=00
	चहा. 100 कप.	3.40/-	340=00
Thank You	धन्यवाद	TOTAL टोटल	990=00

A/C
Principal
Bharati Vidyapeeth's College of Engineering
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.
" PAID & CANCELLED "

नगद / पत रसिद

No. : क्रमांक 5
Date : दिनांक 13/08/19

भारती इंजी कॉलेज कोल्हापूर.

PARTICULAR	RATE दर	AMOUNT ₹ रक्कम
बिस्किटे		650=00
चहा (100 कप)		340=00
Thank You धन्यवाद	TOTAL टोटल	990/-

A/C
Principal
Bharati Vidyapeeth's College of Engineering
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING, KOLHAPUR.
" PAID & CANCELLED "

खर्च तपशिल :-

महापुरात [illegible] [illegible] राबविलेल्या विशेष श्रमसंस्कार [illegible] सर्व उपस्थितांना चहा / नाष्टा देण्यात आला.

1) सकाळी - चहा + नाष्टा = रु 990/- दिले

2) श्रमसंस्कारानंतर - बिस्किटे + चहा = रु. 990/- दिले

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

Seven Days Residential NSS CAMP at Mouje Sangaon.
Academic Year 2017-18

Day	Date	Activity
1	12-2-2018	Inauguration of Camp Rally Regarding Public Awareness & Cleanliness
2	13-2-2018	Survey at Mouje Sangaon.
3	14-2-2018	Welcome Ceremony& Camp Inauguration.
4	15-2-2018	`Computer Literacy Programme. - At Primary School In Mouje Sangaon.
5	16-2-2018	Gram Swachhata Abhiyan.
6	17-2-2018	Survey at Mouje Sangaon.
7	18-2-2018	`Participation in Health Camp'. Valedictory Function.

RESIDENTIAL NSS CAMP AT MOUJE SANGAON.

DAY-FIRST. DATE: 12th Feb 2018.

WELCOME CEREMONY& CAMP INAGURATION.

Bharati Vidyapeeth's College of Engineering Kolhapur organized 7 days residential NSS camp from 12th Febto 18th Feb 2018. In this camp various activities were conducted like of literacy, human health, save the girl child, & Digital India. For inaugural function of this camp chief guest Hon.Mr. Krishnat Patil. (President. Sheti Utpanna Bajar Samiti, Kolhapur.) & Village Sarpanch Mrs.Swati Patil, Principal college of Engineering Kolhapur Dr.V.R.Ghorpade. Administrative officer Mr.R.L.Kadam, all HOD's were present. Inaugural speech was delivered by Principal Dr.V.R.Ghorpade, Chief Guest delivered speech on Todays village progress & role of NSS. Following guest were present for this

1. Mrs.SwatiPatil (Sarpanch).
2. Mr. Vijaysinh Patil (dep. Sarpanch).
3. Mr. Krishnat Patil (former Sarpanch).
4. Mr. Kallesh Mali (Director Virshiav Co-Op. Bank. Kolhapur.).
5. Mr. Nandkumar Patil (Social Worker.).

Guest Felicitation by Hands of Principal Dr.V.R. Ghorpade

Camp Inauguration by Dr.V.R. Ghorpade

Rally Regarding Public Awareness On Various Social Issues and Cleanliness

On the first day of NSS camp rally was arranged in MoujeSangaon. This rally was to create public awareness about various social issues like thesave water, importance of the trees in our life, trees plantation, save the girl child, Digital India. Rallywas organized with

help of variousBannersand posters that spread awareness among the people which will also

bring sense of responsibility and duty towards the nation. The slogans are about, `Save baby girl', 'Tree plantation', 'Save water'`SwachaBharat, Sunder Bharat', & Jay Jawan, Jay Kisan' .

Ready forRallyat Mouje Sangaon

DAY- SECOND. **DATE-13th FEB.2018.**

SURVEY AT MOUJE SANGAON.

On Second day of camp survey of villagers is carried out by NSS team. Total six groups of NSS volunteers were prepared for conducting the survey of the village regarding problems in the village and villagers. There are about 5000 homes in Mouje Sangaon. During this survey information is collected related to following points.

Family's elder member's mobile phone number is recorded for S.M.S. purpose.

.1) Family's male –Mobile no.

2) Any Cashless Facility installed in Own Shop.

3) Family's Male/Female count.

4) Separate Water connection.

5) Own Toilet.

6) Adhar card

All major points are covered as per the above list for the individual family

NSS Volunteers Surveying & Collecting DATA from Villagers.

NSS. Volunteers Collecting Various Data.

Survey Related to Mobile No&. Adhar Card Etc. Done by NSS Volunteers.

DAY-THIRD. DATE: 14th Feb 2018.

` Programme on `Indian Constituency'

In NSS camp organized by Bharati Vidyapeeth's College of Engineering Kolhapur arranged programs on 'Gram SakshrataAbhiyan.' Which is conducted for villagers this program was carried out in evening sessionIn the evening session a programme was arranged on `Indian Constituency'. An introductory welcome speech was given by Miss Sonali Kharade. This lecture was delivered by Shri.SharadMirashi& his interview was conducted by Mr. PravinRajigare.For this event all NSS volunteers, NSSCoordinator Mr.R.B.Lokapure and alldepartmentalcoordinatorswerepresent.

Lecture On `Indian Constituency' 'By- Shri.Sharad Mirashi.

Lecture Delivered by –Mr..SharadMirashi.

Audience-All NSS. Volunteers Attending Lecture.

DAY-FOUR. DATE: 15th Feb 2018.

`Computer Literacy Programme and Science Quiz'
At Primary School in Mouje Sangaon.

As a part of NSS camp activity a session on `Computer Literacy Programme' was carried out At Primary School in Mouje Sangaon by Mr. Ashish Mane NSS volunteer final year mechanical Engineering student. This session was on the importance of Computer literacy for school children's which include informationabout basic computer parts such as CPU, Keyboard, and Mouse etc. In primary school, some information about science and various games was also given by NSS Volunteers. For this Programme Head Master Shri M.S. Ghatge,Shri.S.M.Jirge provided all necessary support to conduct this activity in school. Thisspeech created interest in students about use of computer and inspired them to use computer in day to day life. During this a science quiz is also carried out for school children's to create interest about science in children's mind.

NSS coordinator &A.K. Chougale & All NSS Volunteers Delivering Information Computer.

Information & Science Quiz at Primary School.

Quiz Participant

`e-Learning' Through LED TV, At Primary School.

Information & Science Quiz at Primary School.

Primary School Staff. & NSS.Volunteers.

`

DAY- FIFTH. DATE-16th Feb2018

Gram Swachhata Abhiyan.

Onthe fifth day of Camp NSS Volunteers carried out cleanliness drive in village in this drive main roads of village are cleaned and plastic and other waste is also collected and destroyed.NSS volunteers from Mechanical Engineering Assembled aFitting Box for Dumping Waste for villagers. In this Abhiyan, all NSS Volunteers participated. This Abhiyan was conducted under the guidance of Mr. NandkumarPatil (Social Worker) and NSS Head Mr.R.B.Lokapure.

NSS Volunteers Cleaning Roads.

.

Working Group of NSS Volunteers.

Participated NSS Volunteers**.**

NSS. Volunteers from (Mechanical Branch)-Assembling & Fitting Box (Fiber Material) For Dumping Waste from Village**.**

Assembly Complete-NSS Volunteers Group Photo.

Evening Session: Skill Development Programme for Highschool Students.

NSS. VolunteerSangranSinghKamalkar delivered a session on the subject ``PMKVY' i.e. PradhanmantriKoushalVikasYojana.In this speech he explained importance of skill development for students. To be employed in any field skill development plays a important role. In this regard school he guided regarding various schemes under NSDC, PMKVY.Alsoinformation on various courses such as DTH set-top box installation., Welding technician &plumbing etc. In this programme all NSS Volunteers present Thisprogramme& speech is very informative and useful for allStudents &Staff.

Head Master Shri Palekar Addressing to Students

Information on Various Courses Run Under Pmkvy Scheme Given by Sangramsingha Kamalkar. at High School.

Teaching Lessons by NSS Volunteers.

Teaching Lessons by NSS Volunteers

High school Staff with Head Master Shri.Palekar. & NSS Head R.B.Lokapure.

Evening SessionHealth Checkup Camp Campaign Programmewas arranged by Grampanchayat&KagalTalukaChemist Association on 18/02/2018 for local villagers. Soto create awareness about same in villagers and for getting response from villagers NSS Volunteers taken a initiative to distribute camp pamphlets in village in every house.

DAY- SIX.DATE-17th Feb. 2018.

SURVEY AT MOUJE SANGAON.

A total of six groups of NSS volunteers were prepared for performing survey of the village, and problems in the village and villagers. The solution is also given to villagers. There are about 900 homes at Indira Nagar& Mane Nagar in Mouje Sangaon. During this survey, information is collected related to the following things.

1) Family's male –Mobile no.

2) Any Cashless Facility installed in Own Shop.

3) Family's Male/Female count.

4) Separate Water connection.

5) Own Toilet.

6) Adhar card etc.

.

Survey Related to Bank A/C.Adhar Card Etc. Done by NSS Volunteers.

NSS Volunteers Surveying & Collecting Data from Villagers.

NSS Volunteers Collecting Various Data

DAY- SEVEN.DATE-18th Feb2018.

VALEDICTORY FUNCTION.

The Valedictory & Prizes Distribution Function was held in the presence of SarpanchMrs. SwatiPatil Madam &ShriNandKumarPatil (Social Worker) and NSS Coordinator Mr.R.B.Lokapure .In this valedictory function Mr. Ganesh Teliand Trupti Sawantgirls NSS coordinator shared their experience in NSSCamp. Mrs. Swati Patil Madam appreciated NSS team of BVCOEK for their work during this NSS camp. Vote of thanks was delivered by NSS coordinator Mr.R.B.Lokapure for providing necessary facilities to volunteers. Students were felicitate giving prizes to them to impair them for their bright future

Valedictory programme in Presence of Sarpanch Mrs. Swati Patil.

NSS Coordinator

Principal

* सत्यमेव जयते *

ग्रामपंचायत मौजे सांगाव

ता. कागल, जि. कोल्हापूर.

स्था. १०/३/१९५३

- ग्रा. पं. करांची रक्कम मुदतीत भरून सहकार्य करा.
- स्थानिक जन्म मृत्यूची नोंद २१ दिवसात ग्रा. पं. कडे करा.
- पाण्याचा अपव्यय टाळा, नळांना कॉक बसवा.
- अल्प बचत आपल्यासाठी व राष्ट्रासाठी हितकारक.

स्वच्छ गांव सुंदर भारत

- घर तेथे शौचालय बांधा व कुटुंबाचे आरोग्य राखा.
- कचरा गटारीमध्ये टाकू नका. गटारी स्वच्छ ठेवा.
- पाण्यात मेडीक्लोअर टाकून पिण्यास पाणी वापरावे.
- घर व परिसर स्वच्छ ठेवा. • झाडे लावा, झाडे जगवा.

जा. क्र./ग्रा. पं./वशि/३१८/२०२२
ग्रा. पं. मौजे सांगाव, ता. कागल
तारीख : २६/ ११ /२०२२

CERTIFICATE OF APPRECIATION

This certificate has been awarded to NSS team Bharati Vidyapeeth's College of Engineering Kolhapur for conducting 'Swachhata Abhiyan'at Mouje Sangaon, Kolhapur on 16th Feb 2018. We appreciate the efforts taken by your NSS team and organization for environment cleanliness drive.

ग्रामविकास अधिकारी
ग्रा. पं. मौजे सांगाव, ता. कागल, जि. कोल्हापूर

सरपंच
ग्रा. पं. मौजे सांगाव, ता. कागल.

शिवाजी विद्यापीठ, कोल्हापूर

विद्यापीठाने रा.से.यो. एककाकडून लेखे रिचकारण्याबाबत विहीत नमुना

अ) नियमीत कार्यक्रम 2017-18

१. एककाचे नांव : भारती विद्यापीठाचे अभियांत्रिकी महाविद्यालय

२. कार्यक्रम अधिकाऱ्याचे नांव : प्रा. डॉ. बी. एन. लोकापुरे. कोल्हापूर.

३. एकूण विद्यार्थी संख्या : 100.

४. विद्यापीठाने नियमित कार्यक्रमासाठी मंजूर केलेली विद्यार्थी संख्या : 100.

SC	ST	others	Total
12	0	88	100

५. प्रत्यक्ष नांव नोंदणी विद्यार्थी संख्या : 48 मुली व 52 मुले

६. १२० तास पुर्ण केलेल्या विद्यार्थ्यांची संख्या : 50.

७. चालू वित्तीय वर्षासाठी मंजूर विद्यार्थ्यांसाठी एकूण अनुज्ञेय अनुदान :

८. एककाकडे मागील वर्षाची अंतिम शिल्लक : निरंक

९. चालू वर्षी विद्यापीठाकडून मिळालेले एकूण अनुदान : निरंक

१०. चालू वित्तीय वर्षात एककास उपलब्ध झालेली रक्कम : निरंक

११. चालू वर्षी एककाने केलेला खर्च

अ. प्रशासकिय खर्च	खर्च
१. मानधनावरील खर्च	4900/-
२. कार्यालयीन खर्च	800/-
ब. कार्यक्रमावरील खर्च	
१. अल्पोपहार	15200/-
२. फोटो, प्रवास खर्च व इतर	
Audit Fee	590/-
एकूण रक्कम	21,390/-

१२. एककाकडील अंतिम शिल्लक

ब) रोख रक्कम — निरंक —

प्रमाणित करण्यात येते की, वरील खर्च माहिती मी व्यक्तीश: पडताळून पाहिली व ती बरोबर आहे.

कार्यक्रम अधिकारी

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF
ENGINEERING,KOLHAPUR.

प्राचार्य

Principal
Bharati Vidyapeeth's
College Of Engineering,Kolhapur

सनदी लेखाधिकारी

For Sankpal Kulkarni & Associates
Chartered Accountants
Vrishali
(Vrishali Kulkarni)
Partner M.No 122661
4/9/18

Sankpal Kulkarni & Associates
Firm No. 121256W
Chartered Accountants

भारती विद्यापीठाचे

महाविद्यालयाचे नांव व पत्ता अभियांत्रिकी महाविद्यालय

कोल्हापूर - ४१६०१३

नियमित कार्यक्रम/ वर्ष: 2017-18.

मंजूर विद्यार्थी संख्या: 100

राष्ट्रीय सेवा योजना नियमित कार्यक्रमाचे /

जमा व खर्चाचे सन 2017/18 या वर्षाचे हिशेब पत्रक .

जमा	रुपये	खर्च	रुपये
1. अ. आरंभीची शिल्लक –		अ. कार्यक्रम अधिकारी पॉकेट अलौंस	
रोख–		व्हाचर क ते	
बॅंक– निरंक		1.प्रा. डॉ.र. बी. लोकापुरे	4800/-
ब. विद्यापीठाकडून मिळालेले		2.प्रा.	
ॲडव्हान्स अनूदान		3.प्रा.	
Rs- 14,700/-	14,700/-	ब. आस्थापना खर्च	
2. महाविद्यालयाकडून घेतलेली रक्कम	6690/-	1. क्लार्क मानधन व्हौचर क	5000/-
		2. शिपाई मानधन व्हौचर क	3000/-
3. इतर जमा		3. स्टेशनरी खर्च व्हौचर क	
		4. टायपिंग/झेरॉक्स खर्च व्हौचर क	
		5. पोस्टेज खर्च व्हौचर क	
		6. ऑडीट फी व्हौचर क	590/-
		7. बॅंक कमीशन खर्च व्हौचर क	
		8. छपाई खर्च व्हौचर क	
		9. इतर खर्च व्हौचर क	
		क. योजना विकास खर्च	
		1. अल्पोपहार खर्च व्हौचर क ते	15200
		2. प्रवास खर्च व्हौचर क ते	
		3. वाहतूक भाडे खर्च व्हौचर क ते	
		4. किरकोळ खर्च व्हौचर क ते	
		5. फोटो खर्च व्हौचर क ते	
		6. पाहुणे मानधन खर्च व्हौचर क ते	
		7. इतर खर्च व्हौचर क ते	
		ड. खरेदी खर्च व्हौचर क ते	
		इ. अखेरची शिल्लक –रोख निरंक	
		बॅंक	
एकूण जमा रुपये	21,390/-	एकूण खर्च रुपये	21,390/-

Sankpal Kulkarni & Associates Firm No. 121256W Chartered Accountants

लेखा परीक्षकाची सही व शिक्का

For Sankpal Kulkarni & Associates
Chartered Accountants

(Vrishali Kulkarni)
Partner M.No 122661

कार्यक्रम अधिकारी सही व शिक्का

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR.

प्राचार्य सही व शिक्का

Principal
Bharati Vidyapeeth's
College Of Engineering,Kolhapur

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING,
KOLHAPUR-416013

Name of the College _____

N.S.S. Regular Activities: 2017-18.

Allotted Student Strength: 100.

RECEIPT AND PAYMENT A/C FOR THE YEAR 200 - 200

Receipts	Amount	Payment	Amount
1. Opening Balance Cash Bank	–	1. Programme Officers Pocket Allowance	4,800/-
		2. Establishment Expenditure	800/-
2. Grant Received From University Rs- 14,700/-	14,700/-	3. Programme development expenditure	15,200/-
3. Advance Received from College	6,690/-	4. Purchase expenditure	
4. Other Receipts Nil	–	5. Other Expenditure Audit Fee.	590/-
		6. Closing Balance Cash Bank	
Total Receipt Rs.	21,390/-	Total Expenditure Rs.	21,390/-

Signature of Chartered Accountant

Signature of the Principal

Principal
Bharati Vidyapeeth's
College Of Engineering,Kolhapur

Signature of Program Officer

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR.

M/s Sankpal Kulkarni & Associates
Chartered Accountants

Vaishali

(Vishali Kulkarni)
Partner M.No 122661
FCA, C.N.S.I

4/9/18

Sankpal Kulkarni & Associates * Chartered Accountants * Firm No. 121256W

NSS Regular Activities

ACCOMPANTMENT OF GOVERNMENT RESOLUTION FINANCE DEPARTMENT

No. GIA-१०६६/२९९०/१३८-A/GEN-५ dated २४th February, १९६६

FORM OF UTILIZATION CERTIFICATE

Sr. No. Letter No. Amount	
१. विद्यापीठाकडून मिळालेले अनुदान Rs- 14,700/-	Certified that out of Rs. - of Grants-in-aid sanctioned during the year 2017-18 in favour of ______ under this Department letter No. given in margin and Rs.____ on account of unspent Balance of the previous year a sum of Rs. — has been utilized for the purpose of Regular Activity.
२. महाविद्यालयाकडून घेतलेली उचल रक्कम Rs- 6,690/-	
Total: 21,390/-.	

for which it was sanctioned and that the balance of Rs. — remaining unutilized at the end of the year has been surrendered to Government (Vide No. - dated - will be adjusted towards the grants-in-aid payable during the next year. - .

3. Certified that I have satisfied myself that the conditions on which grants-in-aid was sanctnioned have been duly fulfilled / are being fulfilled and that I have exercised the following checks to see that the money was actually utilized for the purpose of which it was sanctioned.

Kinds of Check exercised: [ऑडीटरांचे हिशेब तपासणी केलेबद्दलचे शेरे]

१) Cash Book

२) Voucher.

३)

Allowable expenditure is ₹ 19950 only

४)

५)

Signature of Chartered Accountant

Signature of Grantee Designation Date

सही/- लेखापरीक्षक

सही/- प्राचार्य

Principal
Bharati Vidyapeeth's
College Of Engineering, Kolhapur

सही/- प्रकल्प अधिकारी

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING,KOLHAPUR.

Sankpal Kulkarni & Associates Firm No. 121256W Chartered Accountants

For Sankpal Kulkarni & Associates
Chartered Accountants

Vrishali
(Vrishali Kulkarni)
Partner M.No 122681
4/9/18

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

Roll No. ____________

CASH / CREDIT MEMO — नगद / पत रसिद

From : भारती कॅन्टीन
विद्यापीठ, कोल्हापूर
प्रो. ...

No. : क्रमांक 2

Date : दिनांक 10-7-18

M/s. सर्वश्री प्राचार्य, भारती विद्यापीठ कोल्हापूर

QTY. संख्या	PARTICULAR विवरण	RATE दर	AMOUNT रक्कम ₹
1	उपीट 100 प्लेट	6.50	650/-
2	चहा 100 कप	3.40	340/-
		TOTAL टोटल	990/-

Principal
Bharati Vidyapeeth's
College Of Engineering, Kolhapur

"PAID & CANCELLED"

N.S.S. CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE OF
ENGINEERING, KOLHAPUR.

Thank You — Sundaram Books for Success... — धन्यवाद

"Tree- plantation programme"

तपशिल :-
वृक्षारोपण – कार्यक्रम संपल्यानंतर
सर्व सहभागी शालेयांच्या स्वयंसेवकांना
चहा व नाश्ता देणेत आला लागले बिल.

BHARATI VIDYAPEETH'S

COLLEGE OF ENGINEERING, KOLHAPUR

NSS.REGULAR ACTIVITY ATTENDANCE. YEAR 2017-18.

Sr No.	NAME	21/6/17	05/07	14/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
1.	ABHISHEK MAHAJAN														
2.	RAHUL SHIVAJI GHARGE														
3.	SHUBHAM RATTATRAY DESHMUKH														
4.	SHUBHAM BABASO TORASK														
5.	SHADAB SALIM TAHSILDAR	SST	SST	SST	SST	SST	SST	SST	SST	SST	SST	SST	SST	SST	SST
6.	Miss.SNEHA BALLAL														
7.	Miss.BHAKTI GIRISH BHATKAR														
8.	ROHIT MAHADEV POWAR														
9.	ROHAN MAHADEV POWAR														
10.	Miss.AARTI RAGHUNATH YADAV														
11.	Miss.AISHWARYA GANESH TELI														
12.	PRATIK PRADIP PADAVAL														

Sr No.	NAME	21/6/17	05/07	15/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
13.	PATIL VIDYA RAGHUNATH														
14.	Miss.JADHAV JAYASHREE NIVRUTI														
15.	Miss.SHRADDHA VASANT LIMBEKAR														
16.	MUDHOLKAR TEJAS SATISH														
17.	PRATHAMESH DIPAK NADGOUDA														
18.	Miss.AISHWARYA RAJENDRA PATIL														
19.	MANDHARE PRATHAMESH														
20.	BHOSALE SHUBHAM CHANDRASHEKAR														
21.	DIPAK PUNDIKAR														
22.	JAMBHALE MANISH M.														
23.	MANE TANMAY D														
24.	SALOKHE SANJEET R.														
25.	SURYAWANSHI PRANJAL PRAKASH														
26.	SATOSKAR PIYUSH														

Sr No.	NAME	21/6/17	05/07	15/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
27.	PHULARI SHRIKANT														
28.	BAGWAN AKIB														
29.	Miss. BHANDARI POOJA														
30.	Miss. JADHAV SHRUTI														
31.	Miss. MORE MANISHA														
32.	Miss.TORASKAR MAYURI D.														
33.	AKASH TUKARAM KAMBLE														
34.	PRATIK MESHRAM														
35.	OMKAR D.PATIL														
36.	PRAMOD Z.PATIL														
37.	RAJKUMAR JAYVANT PATIL														
38.	ANURAG V.MANE														
39.	VIKAS B.SHINDE														
40.	MAYURESH SHRISHAIL DANALE														
41.	JAYDEEP RAOSAHEB DHUMAL														
42.	Miss.NAMRTA K.BHOJKAR														
43.	Miss.SHEWTASHRI S.CHNDGADKAR														
44.	Miss.AKSHATA R.BELEKAR														

Sr No.	NAME	21/6/17	05/07	15/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
45.	Miss.MRUNALI M.PATIL														
46.	Miss.JYOYI D.POTDAR														
47.	Miss.DIKSHA M.PATIL														
48.	Miss.SUKNYA D.PATIL														
49.	HARISHCHANDRA R,TUPE														
50.	RAJAT MARWADE														
51.	Miss.SWETA T ,PATIL														
52.	Miss.SNEHAL D.HANKARE														
53.	SHARAD Y.KOLEKAR														
54.	NITIN R.MAGDUM														
55.	SANDIP V.KAMBLE														
56.	RAHUL Y.BHOSALE														
57.	Miss.VARSHA V.KOLE														
58.	Miss.SAYALI B.KUMBHAR														
59.	SAGRIKA S.NIKAM														

Sr No.	NAME	21/6/17	05/07	15/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
60.	Miss.RUTAUJA S.PATOLE														
61.	Miss.AMRUTA P.RAMSE														
62.	Miss.SUPRIYA A.PATIL														
63.	SURAJ M,SAWANT														
64.	RAJARAM M.SHELKE														
65.	Miss.PRIYANKA R.PATIL														
66.	Miss.ASHWINI L.NANDIWALE														
67.	Miss.PRIYANKA S.MORE														
68.	Miss.PRAJKTA P.POWAR														
69.	Miss.PRASHALI S. SHINDE														
70.	Miss.MANSI M.MADHALE														
71.	Miss.SHRADHA P.POWAR														
72.	Miss.DIPALI S.MORE														
73.	Miss.SAYALI G.PATIL														
74.	Miss.NAMRTA N.PATIL														

Sr No.	NAME	21/6/17	05/07	15/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
75.	NIKHIL D.PARIT														
76.	Miss.SHEELA M.RATHOD														
77.	Miss.PRATIKSHA P.PATIL														
78.	Miss.PRADYNA B.KHOT														
79.	Miss.PRAJKTA A.YEJARE														
80.	Miss.SNEHAL S.GHATGE														
81.	PANKAJ D.PATIL														
82.	Miss.UJWALA M.TELI														
83.	Miss.MAYURI P.KADAM														
84.	KIRAN A.PATIL														
85.	PRAVIN TAWATE														
86.	ASHISH MULE														
87.	SIDHANATH JAGTAP														
88.	PRATIK PATIL														
89.	ROHIT KADAM														

Sr No.	NAME	21/6/17	05/07	15/08	23/08	15/08	05/09	15/09	24/09	02/10	06/10	13/1/18	26/1	7/2	10/2
90.	PRASAD RASAL														
91.	Miss.RITU SHINDE														
92.	PRASHANT KUMBHAR														
93.	Miss.SANSKRUTI SALPE														
94.	TUKARAM DIGHOLE														
95.	DYNESHWAR KADOLKAR														
96.	SHUBHAM JAGDALE														
97.	Miss.POOJA PATIL														
98.	Miss.SARITA SUTAR														
99.	Miss.AMRUTA VIBHUTE														
100.	Miss.SOANLI KHARADE														

BHARATI VIDYAPEETH'S COLLEGE OF ENGINEERING KOLHAPUR

N.S.S.CO-ORDINATOR
BHARATI VIDYAPEETH'S COLLEGE O
ENGINEERING,KOLHAPUR.

Principal
Bharati Vidyapeeth's
College Of Engineering,Kolhapur

Green Campus and Environmental Policy

BHARATI VIDYAPEETH'S
COLLEGE OF ENGINEERING, KOLHAPUR

The green campus concept offers an institution an opportunity to take the lead in redefining its environmental culture and protect the ecosystem. The Green Campus and Environment Policy will develop exciting new co-curricular and extracurricular practices that encourage students and staff to take the lead in creating positive change. Bharati Vidyapeeth's College of Engineering, Kolhapur is conscious about environment conservation with its green campus initiatives and maintains pollution free and clean campus.
Main focus areas for Green Campus Policy are:

1. Landscaping Initiatives with trees and plants
2. Clean campus Initiatives
3. Clean Air Initiatives
4. Infrastructure
   a) Grid connected PV Solar System for the campus
   b) Installation of Energy efficient equipment
   c) Water Conservation through Rain Water Harvesting System
   d) Electric vehicle charging station
5. Waste Management Processes
   a) Liquid waste management
   b) Solid waste management
   c) E-waste management
6. Environment Centric Awareness Activities
7. Green Audit
8. Energy Audit

Objectives of the Policy:

- Toprotectandconserveecologicalsystemsandresourceswithinthecampus.
- To ensure efficient use of environmental sources to meet the needs and aspirations of the present and future generations.
- To integrate environmental concerns into policies, plans and programs for social development.
- To make the campus plastic free.
- To conduct Environmental and Energy audit.

1. Landscaping Initiatives with trees and plants

Sustainable infra structure is a vital part of the college campus, providing space for study, play, outdoor events, relaxation and aesthetic appreciation. Green campus and landscape also helps to recharge ground water, clean and cool air in campus. There are number of trees, shrubs, medicinal plants on campus along with grass cover. Green cover of college is home for number of insects and bird species.

2. Clean Campus Initiatives

In accordance to Swachh Bharat Abhiyan, College has committed to actively coordinate cleanliness activities in the college and beyond the campus. A gardener and full time adequate supporting staff are appointed for the maintenance of litter free clean and Green Campus. These initiatives include:

- Generating mass awareness on cleanliness and hygiene amongst students and staff members by holding regular cleanliness drives.
- Activities under 'Swachh Bharat Abhiyan' is a key component of all the community works being done by NSS
- Teaching faculties and staff members are encouraged to participate in the cleanliness drives.
- Commit to manage waste and maintain clean campus especially during college events.
- Conduct various Environment awareness days and tree plantation program.

3. Clean Air Initiatives

College encourages student and staff to use public transportation. Also encourage for carpooling, an activity that will control air pollution and strengthen social interaction. Smoking and burning of garbage strictly prohibited in campus. The abundant natural landscape cleans the air in campus.

4. Infrastructure

a) Grid connected PV Solar System for the campus:

The college believes in reducing the consumption of electricity by utilizing grid connected PV Solar system with net metering. These panels are installed on rooftop of the college building.

b) Installation of Energy efficient equipment

College commits to install environment-friendly electrical appliances that save energy and reduce wastage of energy . Most of the tube lights and lamps are replaced by LEDs in classrooms and passages to minimize the energy consumption.

c) Water Conservation through Rain Water Harvesting System

College has committed to replenish the groundwater table by practicing rainwater harvesting. This practice helps in the replenishment and recharge of the groundwater.

d) Electric vehicle charging station

College provides charging point for E-vehicle to promote use of E-vehicle

5) Waste Management Processes

a) Liquid waste management

- Maintain leak proof water fixtures.

- Continued employment of a caretaker to take immediate steps to stop any water leakage through taps, pipes, tanks, and toilet flush etc.
- By treating waste water generated in washrooms through Sewage Treatment Plant (STP).

b) Solid waste management

The college will adopt practices to mitigate the generation and manage solid waste through the following methods:

- Systematically engage with the 3Rs (Reduce, Reuse and Recycle) for eco - friendly environment .
- Collect paper waste in campus and sent for recycling
- Take initiatives to spread awareness among students about:
  1. Food wastage and ways of minimizing it
  2. Minimizing the use of packaged food
  3. Use of degradable waste for composting purpose.

c) E-waste management

College ensures that its usage of technology and generation of e-waste does not impact the environment. For this purpose, the college plans to strive towards:

- Awareness amongst students about reduction of e-waste and making provisions for environment friendly disposal
- E-waste is given to external agencies for recycling purposes.

6) Environment Centric Awareness Activities

College encourages awareness programs, plantation program, Cleanliness drive in and beyond the campus, Celebration of Various Environmental days.

7) *Green Audit*

The college aims to conduct a Green Audit to assess strengths and weaknesses for long-term sustainability. A green audit is a useful tool to determine how and where most energy or water resources are being used. The college can then consider how to implement changes and make savings. It can determine the type and volume of waste. Green auditing will promote financial savings through reduction in the use of resources. It is imperative that the college evaluate its own contributions toward a sustainable future.

8) *Energy Audit*

An Energy Audit is carried out to reduce carbon foot print. The energy audit, with its specialized tools will identify wastage of energy. Such an inspection often reveals several different flaws which cause a loss of significant amounts of energy which the college will not be able to detect. These flaws often have easy and affordable solutions and provide significant savings.

9) *Plastic free campus*

In view of the Government of India's resolution to ban all single use plastics due to the hazardous impact of plastic use and pollution, the college administration strictly bans the use of single use plastics in its premise to make it a 'Plastic Free Campus'.

VIJAY RAM GHORPADE

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