

METRIC NO. 7.1.6

SUPPORTING DOCUMENTS



Submitted to NAAC



Estd. 2006

Gandhi Engineering College (GEC, Bhubaneswar)

Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha
Accredited with NAAC 'A' Grade by UGC, Govt. of India & Ranked by NIRF, Govt. of India, New Delhi

***POLICY DOCUMENT ON ENVIRONMENT AND
ENERGY USAGE***



Submitted to NAAC

By

Gandhi Engineering College (GEC, Bhubaneswar)
*Gandhi Vihar Badaraghunathpur Madanpur, Near Janla,
Bhubaneswar, Odisha- 752054*

*Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha
Accredited with NAAC 'A' Grade by UGC, Govt. of India & Ranked by NIRF, Govt. of India, New Delhi*


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



Policy Document on Green campus, Environment and Energy Usage

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INTRODUCTION

We staunchly endorse the policy of environment conservation and stand deeply rooted in our commitment to set new standards of environmental preservation. We possess a deep and instilled allegiance to the conservation of energy resources. The College campus stays committed to the maintenance of the ecological balance in the region of Bhubaneswar Odisha. In order to achieve this, we persevere for the maximizing the utilization of clean energy. The college shall steer for the regulation, involvement and inculcation of a policy of sustenance of environment and stem the usage of artificial energy resources. We are endorsing and enforcing measures to make the GEC a zero-carbon campus.

The environment and energy policy will help us to embed efficiency and environmental awareness into our everyday activities, thus helping us to realize our responsibilities and commitment to conservation of natural resources and to limit its usage.

OBJECTIVES

- ❖ Implement and manage green and sustainable initiatives on campus
- ❖ To sensitize students towards a Clean, Green, and Sustainable Environment.
- ❖ Monitor and reduce waste of all campus operations and activities
- ❖ Provide hands-on sustainability training and learning opportunities
- ❖ Foster a culture of sustainability awareness, action in the campus and local community
- ❖ To motivate students to adopt environment friendly practices to save electricity, save water, by making, distributing and use of paper bags, etc.
- ❖ To optimize the use of water and energy.
- ❖ Encourage the use of public transport and car-pooling for minimizing fuel consumption.
- ❖ Smoke-free and tobacco-free campus.

POLICIES

1. To assess our energy usage and measure its impact on the environment.
2. To count CO₂ emissions generated by our means of transportations- vehicles.
3. To reduce local air pollution emissions using environment-friendly vehicles, including bicycles, public transportation and use of pedestrian-friendly roads.
4. To install photovoltaic solar panels for the generation of alternate energy.
5. To install LED bulbs in the complete campus to save energy.
6. To develop systematic waste management mechanism.



7. To develop rain water harvesting unit.
8. To undertake tree plantation drive.
9. To take additional measures to continuously improve our energy consumption.
10. To develop and maintain an environmental management system which is ISO: 14001 and an Energy Management System based on ISO: 50001.
11. To ensure the availability of necessary resources to achieve our objectives.
12. To encourage use of advanced technology to minimize energy consumption, atmospheric emissions and noise, particularly from our vehicle fleets.
13. To engage in dialogue with the government agencies, municipal corporation and the affiliating university and actively work with the local organizations in the areas of environment, energy efficiency and sustainable development.
14. To monitor and respond to emerging environmental and energy issues. To strengthen employees' and students' environmental knowledge and skills in order to improve our own environmental performance.
15. To provide information and training opportunities on energy saving measures.
16. To offer opportunities for employees and students to engage in initiatives those contribute to environmental protection.
17. To train our employees and students through our Enviro Club to make them 'Go Green Specialists' and partners to plant trees each year.

This policy will be communicated to the students and employees via internal communication channels, and will be made available to all the stakeholders on the institutional website. The Environment and Energy Policy, objectives and targets will be reviewed on a regular basis by the Enviro Club Convener and its members under the guidance of the Principal of the college.



**Sd/-
Principal**

PRACTICES

The Institution is committed to managing its campus in accordance with responsibilities towards promoting sustainable environment. These responsibilities can be demonstrated within the following areas;

- A. Green Environment & Clean Campus through Solid, liquid & E -Waste Management
- B. Maintenance of Water Bodies
- C. Water Conservation and Management
- D. Paperless operating procedure
- E. Landscaping with Trees and Plants
- F. Energy Use and Conservation
- G. Air Pollution Management
- H. Restricted Use of Automobiles
- I. Ban on Single-use Plastics on the Campus

A. GREEN ENVIRONMENT AND CLEAN CAMPUS

The students are given strict instructions to maintain the campus clean. A gardener and full-time adequate support staff are appointed for the maintenance of litter free clean and Green Campus. Solid waste is segregated as bio degradable and non-degradable and handed over to Municipal Corporation. All Departments and classrooms are provided with dustbins for dry wastage disposal. Segregation of waste into dry and wet waste from the separately allotted dustbins is done in strategic locations, thus maintaining the Campus clean and Eco- friendly. Use of sanitary disposal machine is one of the best practices adopted by the college towards eco-friendly disposal mechanisms. Food leftovers from the canteen is treated and converted into vermin compost in the vermicomposting pit. The college adopts most scientific and eco-friendly e-waste disposal mechanisms such as Annual Maintenance Contract is maintained to periodically review the effective functioning of CPU's and Monitors and expert recommendations are followed to dispose the same in the market. The institution has a contract for approved E-Waste Management and Disposal facility in order to dispose E-waste in scientific manner. Obsolete workable computers, printers and other equipment discarded by departments are sold as scrap. The cartridges of printers are refilled outside the college campus. UPS Batteries are recharged and repaired by the suppliers. Students are made aware that conserving water is equivalent to conserving their future. Refilling water bottle from the water purifier is one of the best practices followed. In house - plumbers attend promptly to fix leakages



and wastage of water. Green Audit is conducted to identify, quantify, describe and priorities a framework of Environment Sustainability in compliance with the applicable regulations, policies and standards.

B. MAINTENANCE OF WATER BODIES

The institution functions with the help of ground water. There is one bore well and one open well. Besides this, college also gets water supply from local municipality every day. The institution has a good storage of ground water, drinking water and water for cleaning purpose. For drinking purpose, the Institution has an Aqua guard water purifier. Apart from the ground water and municipal water, the College has rain water harvesting pits, which function efficiently during the rainy season. It is made mandatory to clean and disinfect water holding tanks at least monthly once or more often, if required. Water filters are replaced periodically to provide the students and staff with pure drinking water.

C. WATER CONSERVATION AND MANAGEMENT

The college has installed rainwater recharge mechanism wherein the rainwater is accumulated and deposited for reuse. The water collected is directed to a deep pit of bore-well for later use. Even the ground water is directed towards the plants. Although rainwater recharge is gaining popularity as a sustainable water saving system in urban as well as rural areas, estimating required storage area for water remains an important design challenge and so our college has designed an effective plan with multiple sunken pits which is in the process of implementation to collect rain water for storage.

D. PAPERLESS OPERATING PROCEDURE

Several initiatives are taken to minimize the usage of paper. Digital storage of documents is one such measure wherein the technology is used to a greater extent for communication among the staff and the students rather than paper communication. WhatsApp-class wise groups, Department wise groups, etc. facilitate E-communication and use of public address systems reducing usage of paper in notices and circulars. In addition to going paperless in the classroom, the college has also introduced "Learning Management System" wherein references, notes, syllabus question banks, study material is stored and shared on the e-platform, avoiding massive usage of paper. The teachers have also experimented with alternatives of paper -based testing with e-assignments and other skill-based tests like presentations, group discussions etc.

E. LANDSCAPING WITH TREES AND PLANTS

The institution organizes Tree Plantation program every year at the College Campus on World Environmental Day. Students and staff enthusiastically initiate and participate in the tree plantations drive on the campus and



also outside the campus. Environmental promotional activities conducted in collaboration with government bring awareness among the students regarding advantages of tree plantation for an Eco-friendly Environment. The plantation program includes plantation of various types of ornamental and medicinal variety, wild plant species stepping up the oxygen levels on the campus.

F. ENERGY USE AND CONSERVATION

- To use Solar Energy on College Campus by installing Solar Lamps
- To use LED Bulbs replacing tube lights in classrooms and administrative office.
- Energy audit is conducted to identify the extent of energy consumption and find appropriate strategies of conservation.

G. AIR POLLUTION MANAGEMENT

Periodic Awareness Programme for Staff, Students and Society: The College conducts awareness programmes for staff, students and society for protecting and maintaining environment.

Plantation of oxygen rich plants: A range of medicinal plants and old trees like Neem Trees and Tulsi make the campus Oxygen Park.

"No Smoking, No Tobacco" in campus area: Tobacco and tobacco products are strictly prohibited in the college premises and consuming Tobacco and tobacco products is a punishable offence. The instructions regarding this are given to the students and the staff members.

H. RESTRICTED USE OF AUTOMOBILES

The College monitors its carbon footprints and adopted;

- Restricted use of automobile entry inside the campus
- All the vehicles of college staff should be with valid emission certification.
- The college encourages the employees and students to frequently use public transport, bicycles, etc.

I. BAN ON SINGLE-USE PLASTICS ON THE CAMPUS

Following the MHRD and UGC guidelines, on 2 October 2019 to educational institutions across the country, the college has issued a notification to Students and all Stakeholders that there would be a ban implemented on the use of single use plastics on the campus with effect from 14 November 2019. The institution through its various Club systems conducts sensitization programs on the harmful impact of single-use plastics and mandates all the students - to avoid carrying non-bio-degradable plastic items to the institution, which includes plastic bags, cups,



plates, small drinking water bottles, straws and sachets. The institution mandates the canteen to serve only in paper plates and paper cups to systematically ban the use of plastics on the campus. These strategies are incorporated into the institutional planning and budgeting processes with the aim of developing a clean and green campus. This policy will be communicated to the students and employees via internal communication channels and will be made available to all the stakeholders on the institutional website. All the stakeholders are required to abide by the policy to make the college campus green, clean and eco-friendly.


PRINCIPAL

Dr. A. BARADESWARAN

**Principal
Gandhi Engineering College
(GEC, Bhubaneswar)**

GEC

GANDHI ENGINEERING COLLEGE

Gandhi Vihar, Badaragunathpur.

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ENVIROMENT, ENERGY AND GREEN AUDIT REPORT



Estd. 2006

Gandhi Engineering College (GEC, Bhubaneswar)

Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha
Accredited with NAAC 'A' Grade by UGC, Govt. of India & Ranked by NIRF, Govt. of India, New Delhi



EVER GREEN FORUM

Certificate

This is to certify that **Gandhi Engineering College (GEC, Bhubaneswar)** has conducted detailed Environmental Audit of their college campus and has submitted the necessary data and credentials for scrutiny. The activities and the measures carried submitted and was found to be satisfactory. The efforts taken by the faculty and students towards environment and sustainability are highly appreciated and commendable

25/01/2021


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


(Er. Prakash Chandra jena)
President
EVER GREEN FORUM



EVER GREEN FORUM

Certificate

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20/01/2020

(Er. Prakash Chandra jena)
President
EVER GREEN FORUM



EVER GREEN FORUM

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15/01/2019


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


(Er. Prakash Chandra jena)
President
EVER GREEN FORUM



EVER GREEN FORUM

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10/01/2018


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


(Er. Prakash Chandra jena)
President
EVER GREEN FORUM



EVER GREEN FORUM

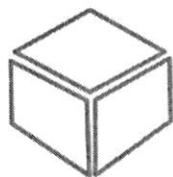
Certificate

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7/01/2017


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


(Er. Prakash Chandra jena)
President
EVER GREEN FORUM



Visiontek Consultancy Services Pvt .Ltd
(An Enviro Engineering Consulting Cell)

CERTIFICATE

Gandhi Engineering College (GEC, Bhubaneswar) has conducted detailed **Green Audit** of their college campus on 16 November 2017. All the required data were submitted for audit and serutiny.

It was noted that the activities and the college carries out regular activities forself-cleansing of campus and surrounding places. The efforts put forward in this regard is commendable

AJIT SATAPATHY
EA-1209:Certified Energy Auditor

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

IDCO PLOT NO- M22& M23, CHANDAKA INDUSTRIAL, PO-PATIA
BHUBANESWER-751024,ODISHA,INDIA

GREEN India
CERTIFICATE

It is to certified that an Green Audit has been conducted at **Gandhi Engineering College (GEC, Bhubaneswar)** on 4th of December 2018.

date submitted by GEC were scrutinized and satisfactory. The college campus is environment friendly and proper steps are taken by the competent authorities, faculties and proper steps are taken by the competent authorities, faculties and students to ensure the sam

Date: 4-December-2018


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

S-27 Chandralok market complex, Niladrivihar
Bhubaneswar-751021


Tushar Kanti

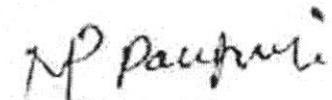
GREEN AUDIT

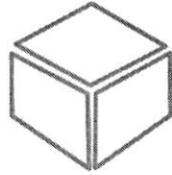


CERTIFICATE

This is to certify that **Gandhi Engineering College (GEC Bhubaneswar)** has successfully undergone a green and Environment Audit certification on 18.12.2019 under the supervision of **Dr .N.P Panigrahi**, and meets the required standard norms.


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Signature



Visiontek Consultancy Services Pvt .Ltd
(An Enviro Engineering Consulting Cell,)

CERTIFICATE

Gandhi Engineering College (GEC, Bhubaneswar) has conducted detailed **Green Audit** of their college campus on 25 December 2020. All the required data were submitted for audit and serutiny.

It was noted that the activities and the college carries out regular activities forself-cleansing of campus and surrounding places. The efforts put forward in this regard is commendable

AJIT SATAPATHY
EA-1209:Certified Energy Auditor

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

IDCO PLOT NO- M22& M23, CHANDAKA INDUSTRIAL, PO-PATIA
BHUBANESWER-751024,ODISHA,INDIA

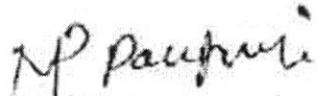
GREEN AUDIT

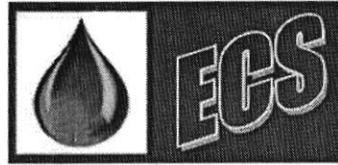


CERTIFICATE

This is to certify that **Gandhi Engineering College (GEC Bhubaneswar)** has successfully undergone a green and Environment Audit certification on 28.12.2021 under the supervision of **Dr .N.P Panigrahi**, and meets the required standard norms.


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Signature



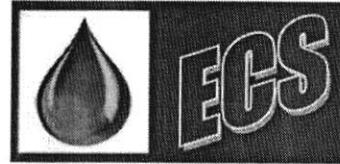
Certificate

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28/12/2017


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Managing Director

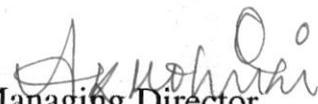


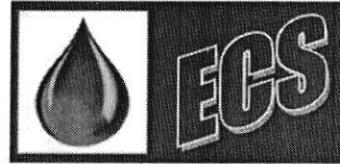
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30/12/2018


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Managing Director

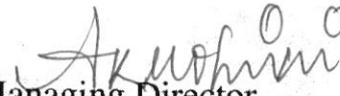


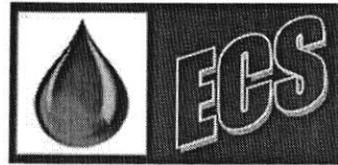
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02/01/2019


Principal
Gandhi Engineering Colles
(GEC, Bhubaneswar)


Managing Director

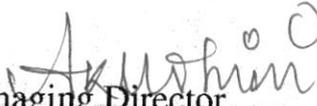


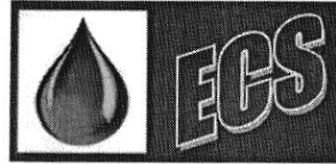
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05/01/2020


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Managing Director

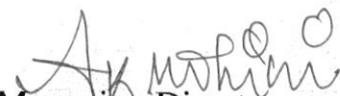


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08/01/2021


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Managing Director

7.1.6 Quality audits on environment and energy are regularly undertaken by the Institution and any awards received for such green campus initiatives:

**Certificates of the awards received
from the recognized agency**



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

(Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha)

Gandhi Vihar, Badaraghunathpur, Madanpur, Bhubaneswar, Odisha 752054



CERTIFICATE

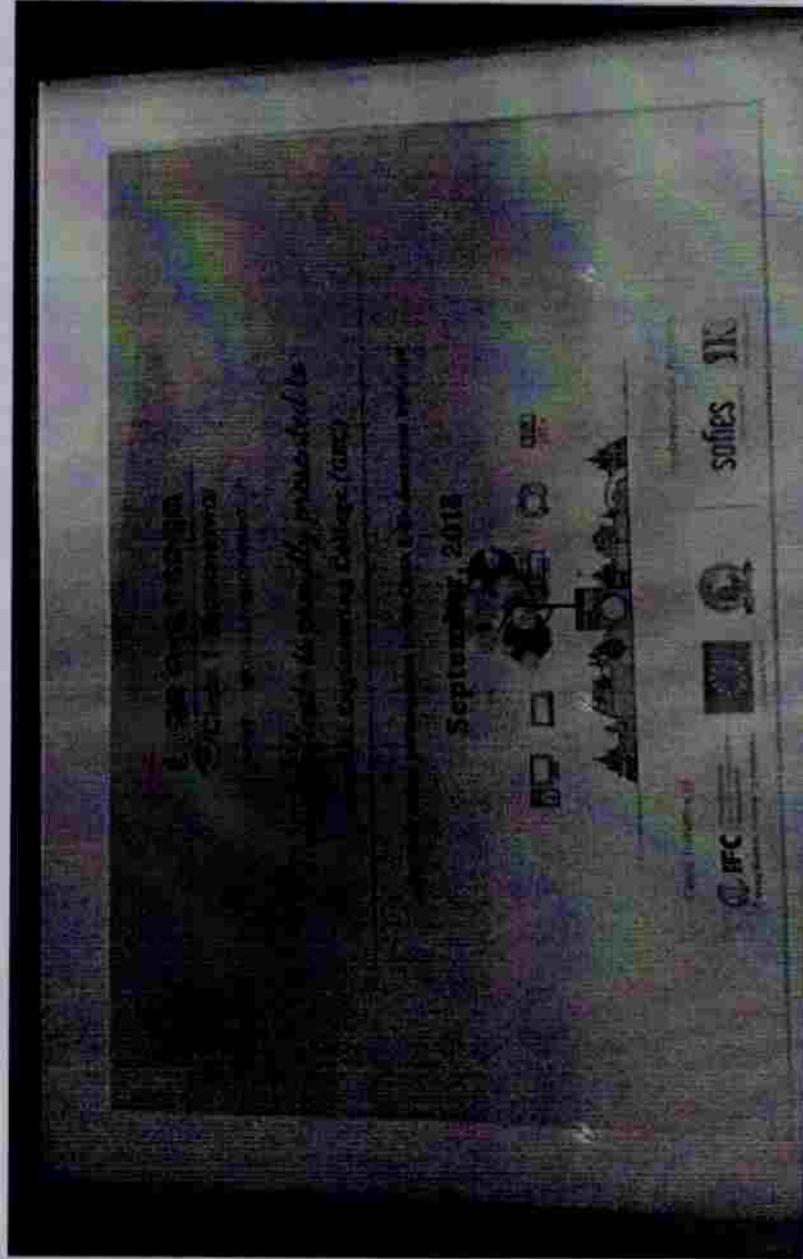
This certificate is proudly presented to
Gandhi Engineering college (GEC), BBSR For their
active participation in the green campus initiation

October 2017

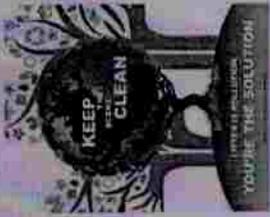

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



Signature



A. S. J.
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



CERTIFICATE

This is to certify that Gandhi Engineering college
(GEC), BBSR has conducted detailed Green Campus
and found to be satisfactory

November 2019

A. Saha
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

Signature



ଓଡ଼ିଶା ସରକାର
ଜଙ୍ଗଲ ଓ ପରିବେଶ ବିଭାଗ

ପ୍ରକୃତି ମିତ୍ର ପୁରସ୍କାର ୨୦୨୦

ପ୍ରକୃତି ସଂରକ୍ଷଣ ଓ ପରିବେଶ ସୁରକ୍ଷା କ୍ଷେତ୍ରରେ

ଗାନ୍ଧୀ ପାଠ୍ୟାଳୟ ମହାବିଦ୍ୟାଳୟ, ବଡ଼ ରଘୁନାଥପୁର

ବୃକ୍ଷ ଜଟଣୀ ଜିଲ୍ଲା ଖୋର୍ଦ୍ଧା

ଗ୍ରାମ / ଅନୁଷ୍ଠାନ ବୃକ୍ଷ ସ୍ତରରେ ସର୍ବୋତ୍କୃଷ୍ଟ ବିବେଚିତ ହୋଇଥିବାରୁ ପ୍ରୋତ୍ସାହନ ସରୁପ

₹ ୧୦,୦୦୦ ଟଙ୍କା ପୁରସ୍କାର ସହିତ ଏହି ପ୍ରମାଣ ପତ୍ର ପ୍ରଦାନ କରାଗଲା ।

[Signature]
ପ୍ରମୁଖ ଶାସନ ସଚିବ

[Signature]
ଜଙ୍ଗଲ ଓ ପରିବେଶ ମନ୍ତ୍ରୀ

[Signature]
Principal
Gandhi English College
(GEC, Bhubaneswar)



Certificate

This certificate is proudly presented to
Gandhi Engineering college (GEC), BBSR For their
active participation in the green campus initiation

October 2021


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

Signature



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

(Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha)

Environmental Promotional Activities Conducted Beyond the Campus

(Academic Year 2020-21)

Name of the Activity Conducted	Date	No. of Participants	
		Staffs	Students
ThinkBig - Think Green” A Green Initiative Program	10-01-2020	05	45
Ditch The Disposables” A Plastic Free Campaign	30-01-2020	04	35
An Awareness Program on Sustainable Use of Water	07-02-2020	03	25
Pollution Is Not Pretty” An Awareness Program on Cleanliness & Environment Protection	26-02-2020	04	26
Workshop on clean energy	15-05-2020	05	105

Principal
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(GEC, Bhubaneswar)



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

(Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha)

No. GEC/PO/20-21/ 254

Dt. 03-01-2020

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled Think Big - Think Green "A Green Initiative Program on 10th January 2020(Friday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Kaustav Dash, ECE Dett. is requested to coordinate this event.

Principal
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

Copy to: All Deans/All HoDs/Main Office/Admission Office/Exam Section/Library
/Account Section/Guard File/College & Hostel NBs.

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

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REPORT

“THINK BIG - THINK GREEN” A GREEN INITIATIVE PROGRAM

Held on: 10/01/2020

Venue: RAGHUNATHPUR VILLAGE, JATNI

Organized by: Gandhi Engineering College in association with Suryakiran Foundation, Bhubaneswar

Scheme: PRAGATI

No of Students participated: 45

No of Faculty members involved: 5

On 10/01/2020, students and staffs of Gandhi Engineering College undertook a plantation drive in nearby areas of RAGHUNATHPUR VILLAGE, JATNI in association with Suryakiran Foundation, Bhubaneswar. The team was led by Prof. Kaustav Dash, ECE Dept. The entire drive was conducted successfully. A good number of students around 45 in number actively participated in the event and were seen spreading awareness about benefits of plantations through placards and banners. On this occasion, Er. Manas Ranjan Panda, vice-chairman, GEC and Dr. R R Sabat, Principal, GEC, congratulated the entire team involved in the plantation drive and extended their best wishes for the event. This plantation drive was conducted under the scheme PRAGATI.


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Plantation drive in nearby areas of Jamujhari village in association with Suryakiran Foundation, Bhubaneswar on 10/01/2020

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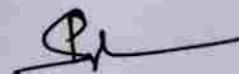
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No. GEC/PO/20-21/245

Dt. 23-01-2020

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "Ditch the Disposables" on 30th January 2020 (Saturday) from 10.00 A.M. onwards. It is a campaign aiming at to say 'NO' to plastic which is a major concern for our society. Those who want to be part of it, can give their names to the event coordinator. All are cordially invited to attend this program. Prof. Rasmi Ranjan Panigrahi from EEE is requested to coordinate this event.


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REPORT

"Ditch The Disposables" **A Plastic Free Campaign**

Held on: 30/01/2020

Venue: **RAGHUNATHPUR VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Biju Pattnaik Yuva Club, Tulsipur, Cuttack.

Scheme: **PRAGATI**

No of Students participated: 35

No of Faculty members involved: 04

A plastic free campaign "**DITCH THE DISPOSABLES**" was conducted on the occasion of Martyrs' Day i.e., 30th of January 2020 by the institute Gandhi Engineering College in collaboration with Biju Pattnaik Yuva Club, Tulsipur, Cuttack under the scheme PRAGATI. After paying tribute to our father of the nation, Mahatma Gandhi at the college premises around 35 students under the guidance of Prof. Rasmi Ranjan Panigrahi from EEE and other faculty members had visited with placards to create awareness among the sellers and buyers of plastic covers. The important subject that affects and worries mankind during these days is the issues concerned with waste management. Raising awareness about plastic free society is an essential component of effective waste



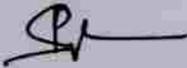
A.P.M.
Principal

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management. Details of the vendors and distributors of paper covers were provided to these shop keepers. The response to this initiative by the public and in particular from the shop owners was very positive and agreed to reduce/ stop the usage of plastic hence forth. The college and the NSS Unit of GEC hope that the public and other organizations take up such steps to make India a "plastic free" The villagers were advised not to use so that we can get plastic free country and save our environment.



A plastic free campaign "DITCH THE DISPOSABLES" was conducted on 30th January 2020.


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REPORT

Save it before you need it **An Awareness Program On Sustainable Use Of Water**

Held on: 07 /02/2020

Venue: **KANTABADA VILLAGE, KHURDA**

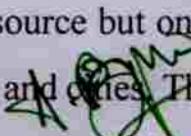
Organized by: Gandhi Engineering College in association with Odisha Environment Society, Bhubaneswar

Scheme: CHETNA

No of Students participated: 25

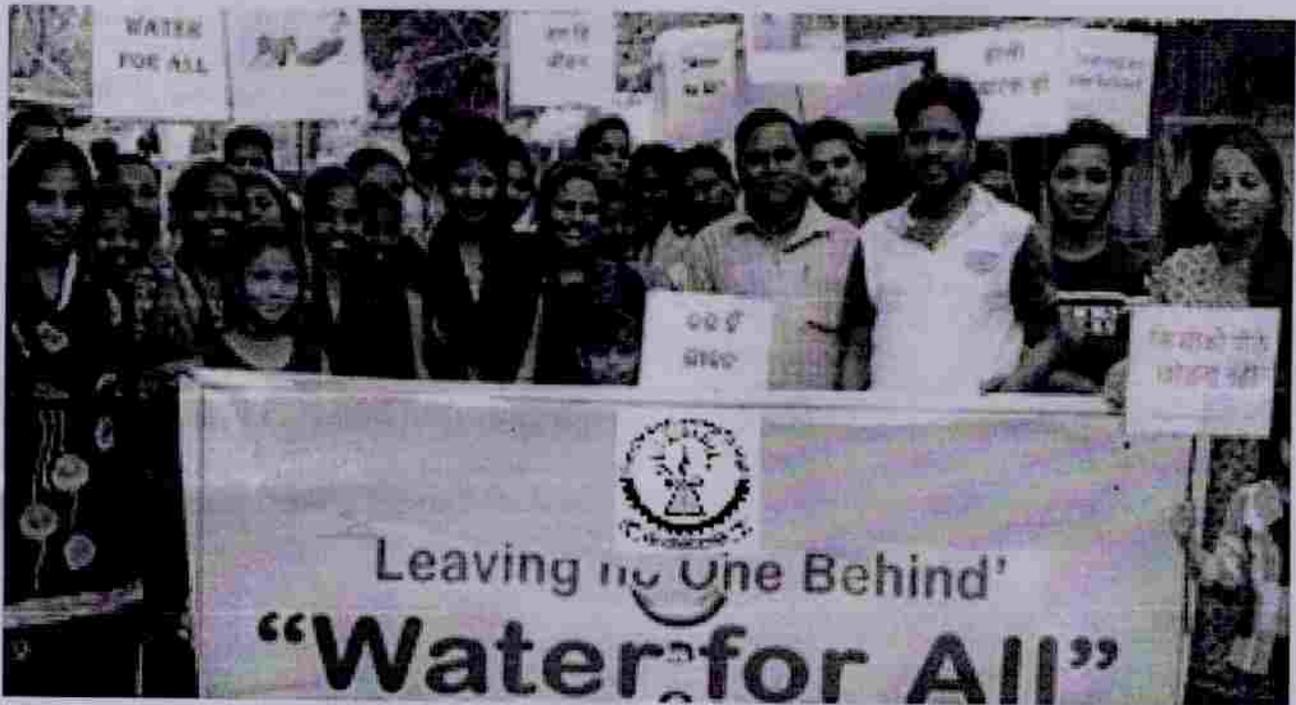
No of Faculty members involved: 03

Under the guidance and leadership of Prof. Manoj Kumar Nayak from Mechanical Deptt an awareness program on sustainable use of water "**SAVE IT BEFORE YOU NEED IT**" was conducted by Gandhi Engineering College in association with Odisha Environment Society, Bhubaneswar under the scheme CHETNA on 07st February 2020 at Kantabada village in Khurda. The villagers were addressed regarding protecting the environment for the coming generations begins with more effective water management today. As income levels have risen globally, so has the demand for water-intensive goods such as manufacturing, meat, and dairy products, stressing global freshwater resources. Such increase in global freshwater consumption has led to the depletion of over half of the world's largest aquifers, and is a problem that will likely deteriorate as demand grows. At this pace, available freshwater reserves needed to ensure basic water, food, and energy security are predicted to drop by 40%. Water is the largest natural resource but only 3% of it is fresh water, of which just 1/3 is accessible for use in agriculture and cities. The rest


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is frozen in glaciers or hidden too deep underground. Today, the main water source for over 2 billion people are aquifers – underground stores of freshwater. As the world warms, climate change can threaten ecosystems and environments that protect vital water resources, limiting access to them even more. Faced with this global challenge, local action remains essential with regard to the individual impact of our consumption habits. On this point, the knowledge of the citizens remains limited and an awareness-raising / information work is indispensable.



Awareness program on sustainable use of water at Kantabada Village on 07th Feb 2020


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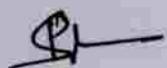
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No. GEC/PO/20-21/211

Dt. 20-02-2020

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "Pollution Is Not Pretty" An Awareness Program on Cleanliness & Environment Protection on 26th Feb 2020 (Friday) from 11.00 A.M. onwards. It is an event aimed at making people aware about the importance of saving our environment from pollution of different types which are very harmful for us as well as for the environment. Those who want to be part of it, can give their names to the event coordinator. All are cordially invited to attend this program. Prof. R. Subba Rao from CSE Dept. is requested to coordinate this event.


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REPORT

“Pollution Is Not Pretty”

An Awareness Program On Cleanliness & Environment Protection

Held on: 26 /02/2020

Venue: **KAI PADAR VILLAGE, JANLA**

Organized by: Gandhi Engineering College in association with Yuva Utkal Foundation, BBSR.

Scheme: CHETNA

No of students participated: 26

No of Faculty members involved: 4

Under the guidance and leadership of Prof. R. Subba Rao from CSE Dept. the program was initiated in the Kaipadar village in Association with Kaipadar Panchayat on 26th February 2020 under the scheme CHETNA. Around 26 students participate in the cleaning operation along with faculty members. The program was organized to make the villagers aware of cleanliness of their surroundings and environment protection. The students of the college had organized a rally to promote the Swachh Bharat mission. Mass awareness was created with various slogans as the active participants signified the importance of hygiene in making India “disease-free”. This program was highly appreciated by the villagers and students. Saplings were distributed among the villagers and they were



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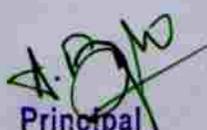
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motivated to plant more and more plants to keep their surrounding healthy and pollution free.



*Awareness program on cleanliness and environment protection at
Kaipadar village on 26th Feb 2020*


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No. GEC/PO/20-21/201

Dt. 08-05-2020

NOTICE

It is hereby informed to all the concerned that a Webinar will be organized by the college for the faculty members of Jupiter science College, Jatni the topic entitled "Workshop on Clean Energy" on 15th May 2020 (Saturday) from 11.00 A.M. onwards. The mode will be Google Meet. The purpose is to give brief idea about the recent development in the clean energy technologies. Prof Atanu Banerjee from Deptt. of BS&H will be addressing the webinar. All are cordially invited to attend this program.

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REPORT

Workshop on clean energy

Held on: 15 /05/2020

Mode: Google Meet

Organized by: Gandhi Engineering College in association with Jupiter Science College, Jatni

Scheme: CHETNA

No of participants: 105

No of Faculty members involved: 5

Gandhi Engineering college Organised a one-day online workshop for the faculty members of Jupiter Science College, Jatni through webinar to give brief idea about the recent development in the clean energy technologies. The title is **Workshop on clean energy**. Prof Atanu Banerjee from Dept. of BS& addressed the webinar. He discussed about the recent trends in Solar air heaters with various roughness geometries and research opportunities. He further He discussed about the role of fuel oxygen content on morphology and nanostructure of diesel engine soot



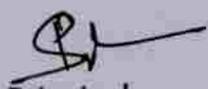
A. B. Banerjee
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particles. Then he gave very imperative information about the job opportunities for the student in this field. Mr. R. Behera proposed the vote of thanks.



One day Workshop on clean energy held on 15th May 2020


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Environmental Promotional Activities Conducted Beyond the Campus
(Academic Year 2019-20)

Name of the Activity Conducted	Date	No. of Participants	
		Staffs	Students
"CLEAN EARTH - GREEN EARTH" A POND CLEANING ACTIVITY	02.02.2020	08	85
"PLANT AND PROTECT" A BIOLOGICAL PEST CONTROL AWARENESS PROGRAM	01.02.2020	05	84
"WASTE WATER- DIE FASTER" A PUBLIC AWARENESS CAMPAIGN FOR WATER CONSERVATION	07.12.2019	05	92
"YOUR WASTE - OUR WORRY" AN AWARENESS PROGRAM ON SOLID WASTE MANAGEMENT	31.10.2019	06	84
"REDUCE, REUSE & RECYCLE" AWARENESS THROUGH WASTE-O-CRAFT EVENT USING WASTE MATERIAL	15.08.2019	08	81
"MARCH FOR WATER" AN ARRANGEMENT FOR WATER DISTRIBUTION	01.04.2019	06	92


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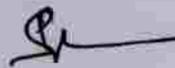
No. GEC/PO/19-20/193

Dt. 28-01-2020

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "CLEAN EARTH - GREEN EARTH"

A POND CLEANING ACTIVITY on 02nd February 2020 (Sunday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. R. Subba Rao CSE Dept. is requested to coordinate this event.


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REPORT

“CLEAN EARTH - GREEN EARTH”

A POND CLEANING ACTIVITY

Held on: 02/02/2020

Venue: **HARE KRUSHNAPUR VILLAGE, JATNI**

Organized by: Gandhi Engineering College in association with Basanta Manjari Foundation Trust, Bhubaneswar

Scheme: PRAGATI

No of Students participated: 85

No of Faculty members involved: 8

Cleaning of ponds was closely related to the cleanliness of the villages and the health of the people; hence this work should be done on priority basis. Sensitizing the Society towards the cleanliness, it's not only land to be cleaned but needs the equal attention to be given to water bodies. Keeping this in mind a pond cleaning activity “Clean Earth – Green Earth” under the scheme PRAGATI was conducted in Hare Krushnapur village, Jatni on 2nd February 2020 in association with Basanta Manjari Foundation Trust, Bhubaneswar. On 29th January Saraswati Puja was observed in the nearby locality and all the idols were immersed in the pond which is used for household work of the local people. Around 85 students of the NSS wing along with 8 faculty members had taken the initiative to clean the pond. They had removed debris of around 10 idols from water pond. This was highly appraised by the villagers. Prof R. Subba Rao CSE department led the team.




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Photographs of pond cleaning activity was conducted in Hare Krushnapur village, Jatni on 2nd February 2020


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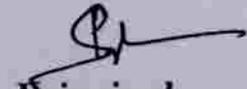
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No. GEC/PO/19-20/187

Dt. 24-01-2020

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled **“PLANT AND PROTECT A BIOLOGICAL PEST CONTROL AWARENESS PROGRAM 01st February 2020 (Saturday)** from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Kaustav Dash, ECE Dept. is requested to coordinate this event.


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REPORT

“PLANT AND PROTECT”

A BIOLOGICAL PEST CONTROL AWARENESS PROGRAM

Held on: 01/02/2020

Venue: **DEULIPATNA VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Evergreen Forum,
Bhubaneswar

Scheme: YASHASVI

No of Students participated: 84

No of Faculty members involved: 5

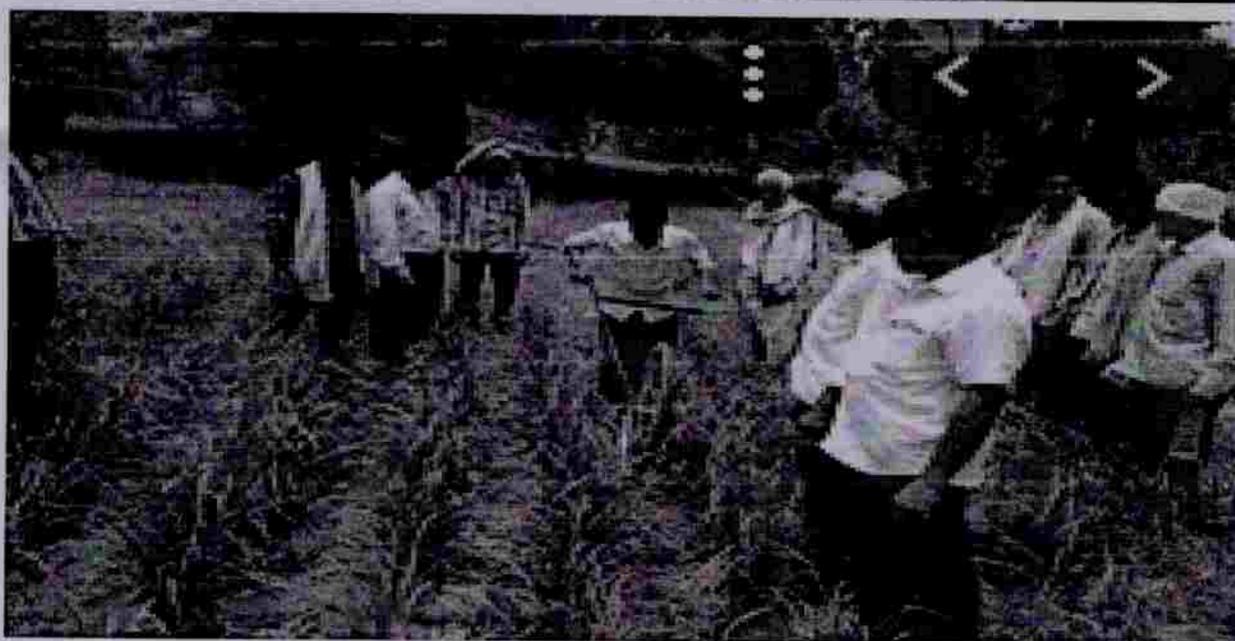
A biological pest control awareness program was conducted under the scheme YASHASVI at DEULIPATNA VILLAGE, KHURDA focusing on Engineering Technology Transformation to Agriculture. The main objective of this program was to create awareness among the technical students in the area of pest control in an organic way and agriculture Mechanization system. Dr. D K Pattnaik from OUAT Bhubaneswar, who was the chief guest of the program made power point presentation on transformation of engineering technology to agriculture sector to make the farmers more beneficial. He also emphasized the role engineering technology in Agriculture sector in the current scenario. To grow healthy fruits and vegetables and regenerate nutrient in soil through natural manure and save the poor farmers from the high cost inputs like pesticides,




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fertilizers, genetically modified organisms, antibiotics and growth hormones we have recently entered into the area of organic farming.



Photograph of pest control awareness program at Deulipatna Village Khurda on 1st February 2020

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No. GEC/PO/19-20/172

Dt. 03-12-2019

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "WASTE WATER- DIE FASTER"

A PUBLIC AWARENESS CAMPAIGN FOR WATER CONSERVATION

On 07th December 2019 from 09.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Kaustav Dash, ECE Dept. is requested to coordinate this event.

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REPORT

"WASTE WATER- DIE FASTER"

A PUBLIC AWARENESS CAMPAIGN FOR WATER CONSERVATION

Held on: 07/12/2019

Venue: **BENAPANJARI VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in collaboration Vidya Bharati Educational Trust, Bhubaneswar.

Scheme: CHETNA

No of students participated: 92

No of Faculty members involved: 5

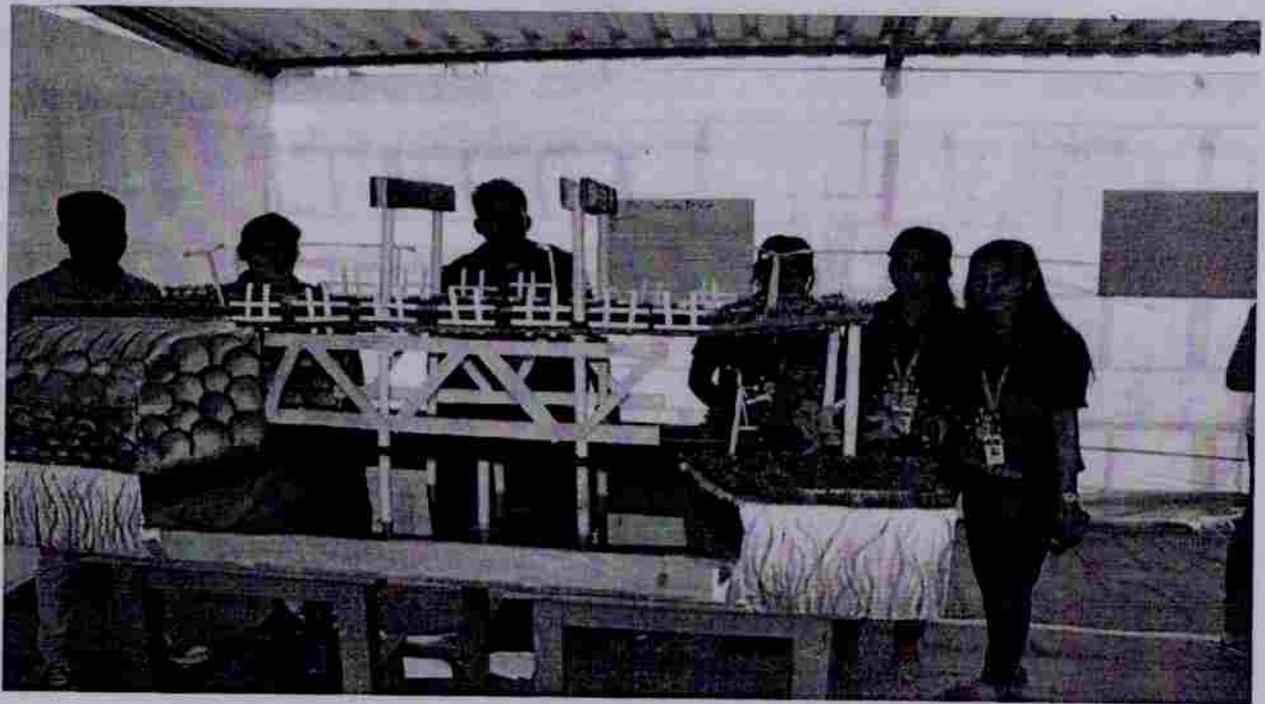
Public water conservation campaigns raise awareness in all levels of society about the importance of saving water to cope with its scarcity and ensure sustainability. The aim is to change citizen attitudes and behavior to improve water use efficiency. This is done through education and awareness campaigns on the socioeconomic and environmental benefits of water conservation and different conservation methods.

A public awareness campaign "WASTE WATER- DIE FASTER" for water conservation was conducted by GEC on 10th July 2019 in collaboration with Vidya Bharati Educational Trust, Bhubaneswar. Under the scheme CHETNA at Benapanjari village, Khurda. Around 92 volunteers participated in that event and it was led by Prof. Kaustav Dash, ECE Dept.


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*Presentation of Models on water conservation by the students on 7th
December 2019*


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No. GEC/PO/19-20/171

Dt. 26-10-2019

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "YOUR WASTE - OUR WORRY" AN AWARENESS PROGRAM ON SOLID WASTE MANAGEMENT on 31 October 2019 (Thursday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. by Professor Mohini Prasad Mishra, Associate Professor of CSE department. is requested to coordinate this event.


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REPORT

"YOUR WASTE - OUR WORRY"

AN AWARENESS PROGRAM ON SOLID WASTE MANAGEMENT

Held on: 31 /10/2019

Venue: **JANLA VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in collaboration with Janla Gram Panchayat
Scheme: CHETNA

No of students participated: 84

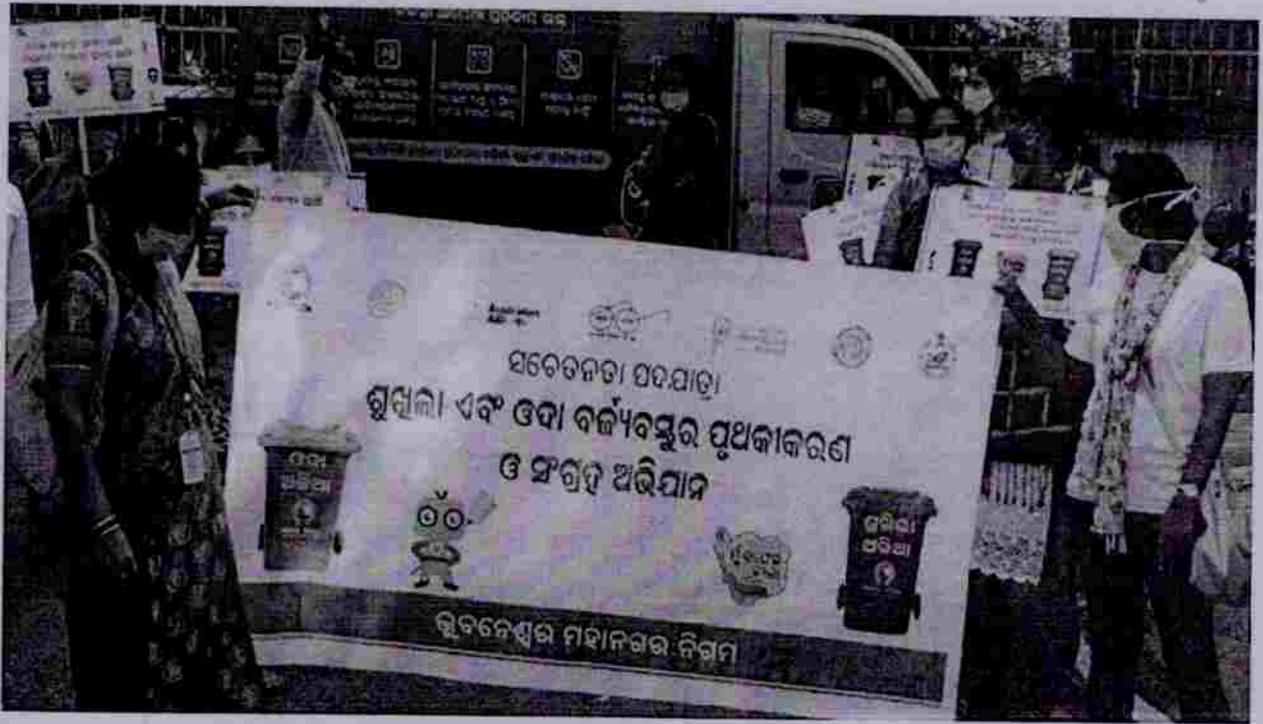
No of Faculty members involved: 6

Nowadays the important subject that affects and worries mankind is the issues concerned with waste management. Waste management practices especially the municipal solid waste can differ for developed and developing nations, for urban and rural areas, and for residential, commercial and industrial producers. Raising awareness about municipal solid waste management is an essential component of effective waste management. AN AWARENESS PROGRAM ON SOLID WASTE MANAGEMENT "YOUR WASTE - OUR WORRY" was conducted on on 01st April 2019 by our Institute Gandhi Engineering College in collaboration with Janla Gram Panchayat under the scheme CHETNA. Around 84 nos. of students participated in the event along with the faculty and it was led by Professor Mohini Prasad Mishra, Associate Professor of CSE department.



A. B. Mishra
Principal

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Photograph of an awareness of solid waste management by the students and faculty members on 31st October 2019

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No. GEC/PO/19-20/152

Dt. 08-08-2019

NOTICE

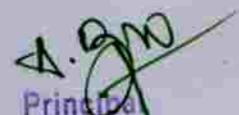
It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled **“REDUCE, REUSE & RECYCLE” AWARENESS THROUGH WASTE-O-CRAFT EVENT USING WASTE MATERIAL** on 15th August 2019 (Thursday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Prof. Santosh Satapathy, Assistant Professor of CSE is requested to coordinate this event.



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REPORT

“REDUCE, REUSE & RECYCLE” AWARENESS THROUGH WASTE-O- CRAFT EVENT USING WASTE MATERIAL

Held on: 15/08/2019

Venue: **MADANPUR VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Maa Mangla Foundation, Bhubaneswar.

Scheme: CHETNA

No of Students participated: 81

No of Faculty members involved: 8

Reduce, Reuse, Recycle – these three 'R' words are an important part of sustainable living, as they help to cut down on the amount of waste we have to throw away. On the 15th August 2019 GEC had organized an awareness program “**Reduce, Reuse & Recycle**” using waste material through Waste–O- Craft event for the villagers of MadanPur in association with Maa Mangla Foundation, Bhubaneswar. The event was guided by Prof. Santosh Satapathy, Assistant Professor of CSE Deptt. and around 81 nos. of students were involved actively to explain them about 3 basic things

- Reduce the amount of waste you produce.
- Reuse items as much as you can before be replacing them.
- Recycle items wherever possible.



A. B. M.
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They elaborated them that using the 3 'R's helps to minimize the amount of space needed for landfill sites, where waste materials are disposed of. This was highly appreciated by the villagers.



Students are presenting their model through waste material on 15th August 2019


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Gandhi Engineering College
(GEC, Bhubaneswar)



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

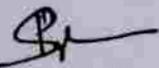
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No. GEC/PO/19-20/141

Dt. 28-03-2019

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "**MARCH FOR WATER**" AN ARRANGEMENT FOR WATER DISTRIBUTION on 01 April 2019(Monday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. by Prof. Narendra Ku Rout, Assistant Professor of CSE department is requested to coordinate this event.


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Principal
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REPORT

“MARCH FOR WATER” AN ARRANGEMENT FOR WATER DISTRIBUTION

Held on: 01/04/2019

Venue: **TAMANDO, KHURDA**

Organized by: Gandhi Engineering College in association with Bhubaneswar Municipal Corporation (BMC), Bhubaneswar.

Scheme: AMA GAAN

No of Students participated: 92

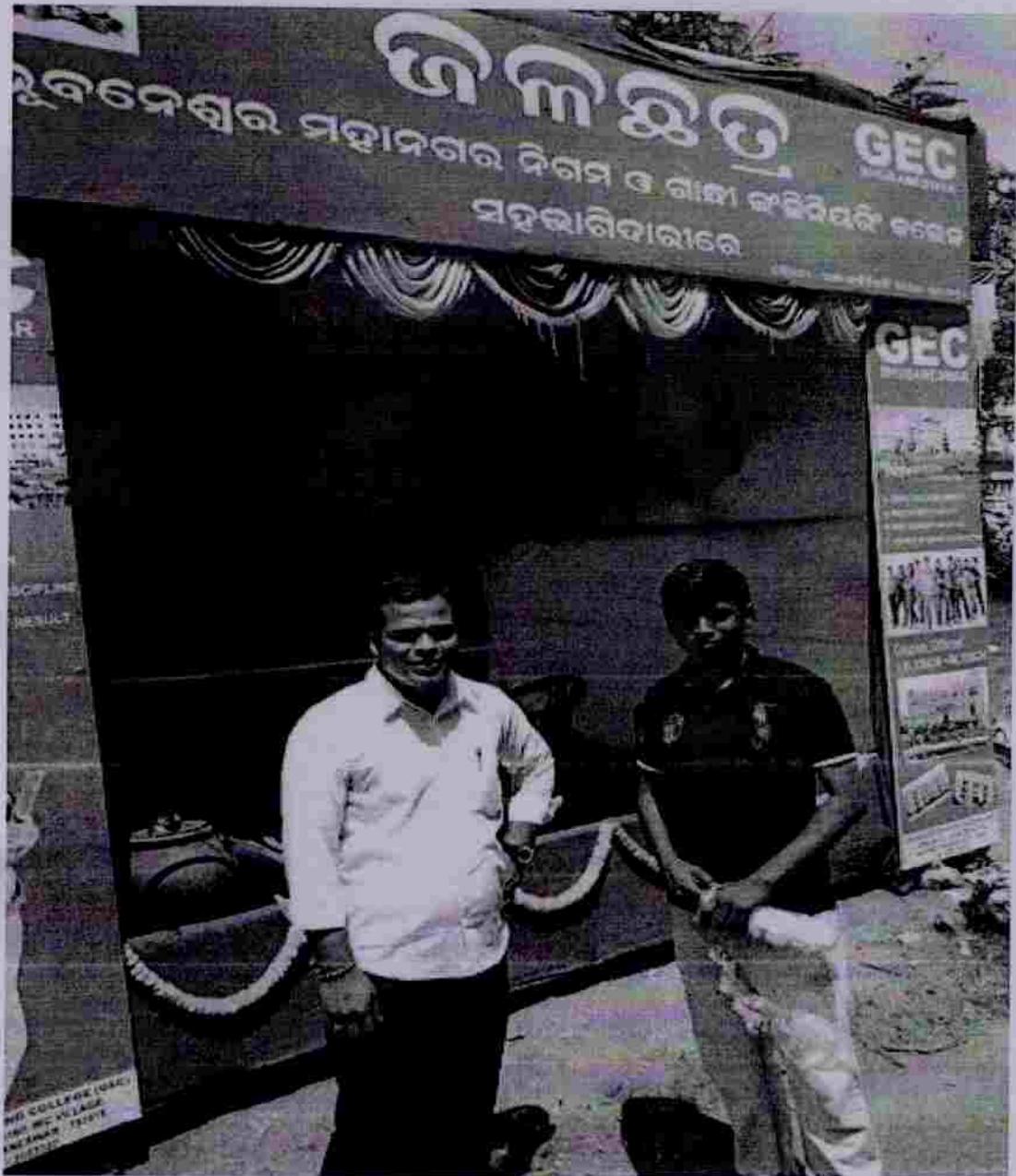
No of Faculty members involved: 6

On the eve of Utkal Diwas, an arrangement for water distribution for a period of 2 months during summer was initiated by GEC in association with Save Water Foundation, Bhubaneswar at the Tamando bazaar in the leadership of NSS Wing led by Prof. Narendra Ku Rout, Assistant Professor of CSE department. Around 92 students were involved in distribution of water during this period. This was highly appreciated by the passers-by on the national highway.

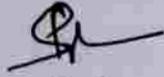



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**Gandhi Engineering College
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*Photograph on Water Distribution by GEC in association with BMC
Bhubaneswar on 1st April 2019*


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Gandhi Engineering College
(GEC, Bhubaneswar)


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

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Environmental Promotional Activities Conducted Beyond the Campus

(Academic Year 2018-19)

Name of the Activity Conducted	Date	No. of Participants	
		Staffs	Students
“NURTURE THE NATURE, TO SAVE OTHERS” AN AWARENESS PROGRAM TO MAKE PLASTIC FREE SOCIETY	14.11.2019	08	52
“MY VILLAGE - MY PRIDE” AN INITIATIVE FOR VILLAGE CLEANLINESS, TREE SAPLING AND DOOR TO DOOR CAMPAIGN FOR HEALTH AWARENESS	02.10.2019	05	55
“FEED IT - DON'T EAT IT” AN AWARENESS PROGRAM FOR THE SAFETY OF BIRDS	29.12.2018	05	65
“FEED THE BINS & BARRELS” AN INITIATIVE FOR STREET CLEANING	31.10.2018	05	84
“THINK BIG - THINK GREEN” A GREEN INITIATIVE PROGRAM	15.09.2018	08	82
“LET'S TEAM UP TO CLEAN UP” AN AWARENESS PROGRAM FOR RURAL DEVELOPMENT	19.08.2018	05	78

M. Venka Gopala Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. B. W.
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

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No. GEC/PO/18-19/132

Dt. 08-11-2019

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "NURTURE THE NATURE, TO SAVE OTHERS" AN AWARENESS PROGRAM TO MAKE PLASTIC FREE SOCIETY on 14th November 2019 (Thursday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Dr. Jay Prakash Tripathy professor and HOD of BSH department is requested to coordinate this event.

M. Venkatesh Gopal Rao

Principal

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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A. B. J. Rao

Principal

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REPORT

"NURTURE THE NATURE, TO SAVE OTHERS" **AN AWARENESS PROGRAM TO MAKE PLASTIC FREE SOCIETY**

Held on: 14/11/2019

Venue: RAGHUNATHPUR VILLAGE, JANLA

Organized by: Gandhi Engineering College in association with Vidya Bharati Educational Trust, Bhubaneswar

Scheme: CHETNA

No of students participated: 52

No of Faculty members involved: 8

Nowadays the important subject that affects and worries mankind is the issues concerned with waste management. Waste management practices especially the management of plastic waste can differ for developed and developing nations, for urban and rural areas, and for residential, commercial and industrial producers. Raising awareness about plastic free society is an essential component of effective waste management. An awareness program "**NURTURE THE NATURE, TO SAVE OTHERS**" was conducted on 14th November 2019 by the institute Gandhi Engineering College in collaboration with Vidya Bharati Educational Trust, Bhubaneswar under the scheme CHETNA. Around 52 students participated in the event along with faculty members. Dr. Jay Prakash Tripathy professor and HOD of BSH department had taken the lead to conduct the event smoothly. The villagers were advised not to use plastics. The adverse effect of plastic was explained by



A.P.W.
Principal

Gandhi Engineering College
(GEC, Bhubaneswar)

students through nukkad dramas and skit. The villagers appreciated the effort shown by the students.



Students rally with plea cards for awareness to make plastic free society on 14th of November 2019 by the institute Gandhi Engineering College in collaboration with Vidya Bharati Educational Trust, Bhubaneswar

M. Uma Gupta Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. P. J. W.
Principal

Gandhi Engineering College
(GEC, Bhubaneswar)



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No. GEC/PO/18-19/124

Dt. 25-09-2019

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "MY VILLAGE - MY PRIDE" AN INITIATIVE FOR VILLAGE CLEANLINESS, TREE SAPLING AND DOOR TO DOOR CAMPAIGN FOR HEALTH AWARENESS on 02nd October 2019 (Wednesday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Prof. Narendra Ku Rout CSE Dept. is requested to coordinate this event.

M. Venkatesh Kumar

Principal

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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A. B. Rout

Principal
Gandhi Engineering College
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REPORT

“MY VILLAGE - MY PRIDE”

AN INITIATIVE FOR VILLAGE CLEANLINESS, TREE SAPLING AND DOOR TO DOOR CAMPAIGN FOR HEALTH AWARENESS

Held on: 02 /10/2019

Venue: CHHANAGHARA VILLAGE, KHURDA

Organized by: Gandhi Engineering College with Chhanaghara Panchayat

Scheme: AMA GAAN

No of students participated: 55

No of Faculty members involved: 5

The programme was organized to make the villagers aware of cleanliness of their surroundings. In the presence of Prof. Narendra Ku Rout the programme was initiated in the Chhanaghara village in Association with Chhanaghar Panchayat on 02nd October 2019 under the scheme AMA GAAN. Around 55 students participate in the cleaning operation along with faculty members. The students of the college had organized a rally to promote the Swachh Bharat mission. Mass awareness was created with various slogans as the active participants signified the importance of hygiene in making India “disease-free”. This program was highly appreciated by the villagers and students. Saplings were




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distributed among the villagers and they were motivated to plant more and more plants to keep their surrounding healthy and pollution free.



Photograph of student rally to promote the Swachh Bharat mission 2nd October 2019

M. Vasu Gupta Rao
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. B. W.
Principal
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No. GEC/PO/18-19/112

Dt. 24-12-2018

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled **"FEED IT - DON'T EAT IT" AN AWARENESS PROGRAM FOR THE SAFETY OF BIRDS** on 29th December 2018 (Sunday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Asutosh Sahu Mechanical Dept. is requested to coordinate this event.

H. Venkatesh Rao
Principal

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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A. S. Sahu
Principal
Gandhi Engineering College
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REPORT

FEED IT - DON'T EAT IT" **AN AWARENESS PROGRAM FOR THE SAFETY OF BIRDS**

Held on: 29 /12/2018

Venue: **CHHATBARA VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in collaboration with The Ankita Foundation,
Bhubaneswar

Scheme: CHETNA

No of students participated: 65

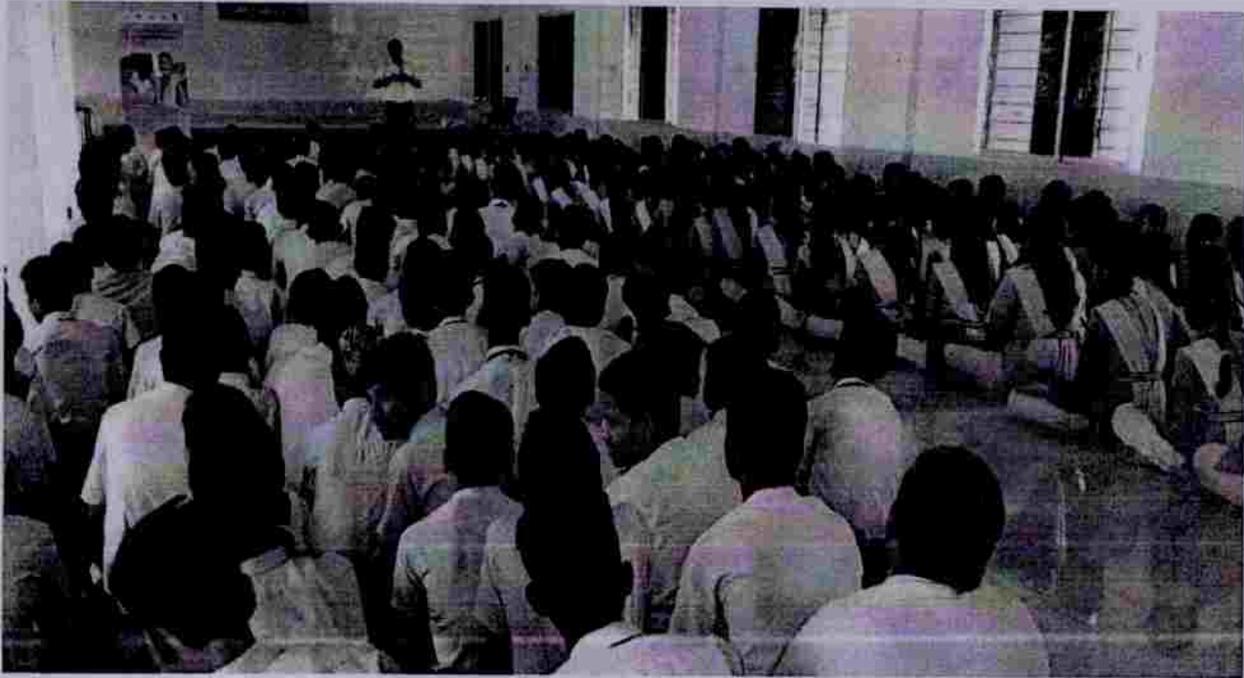
No of Faculty members involved: 5

- The Bird conservation, education awareness program " **FEED IT - DON'T EAT IT**" in collaboration with The Ankita Foundation, BBSR was conducted by GEC on 29th December 2018 for School students, members from the community forest user groups (CFUGs) and local people chosen from chhatabara village which is nearer to the chandaka Forest. We have given priority to those schools and community forest which are located close to significant sites of bird diversity and have very good habitat for birds. After the selection of the schools and CFUGs, information with a tentative schedule of activities of the program has been provided to the respected schools, local organizations, community




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(GEC, Bhubaneswar)

forest user groups and local people. We gathered school students and local people at school's hall provided materials and speech on bird and its importance. Prof. Asutosh Sahu Mechanical Dept. led the event.



An awareness program for the safety of birds in collaboration with The Ankita Foundation, Bhubaneswar was conducted by GEC on 29th December 2018

M. Vasu Gupta Rao
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. B. Sahu
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



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No. GEC/PO/18-19/94

Dt. 25-10-2018

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled **"FEED THE BINS & BARRELS" AN INITIATIVE FOR STREET CLEANING**

on 31st October 2018 (Wednesday) from 09.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Kaustav Dash, ECE Dept. is requested to coordinate this event.

H. Venka Gopal Rao
Principal

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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REPORT

“FEED THE BINS & BARRELS”

AN INITIATIVE FOR STREET CLEANING

Held on: 31/10/2018

Venue: **NEAR AIIMS HOSPITAL, BHUBANESWAR**

Organized by: Gandhi Engineering College in association with Youth Action Club, Khurda

Scheme: PRAGATI

No of Students participated: 84

No of Faculty members involved: 5

National Unity Day was celebrated on the birthday of the Sardar Vallabhai Patel who is known as Indian Iron man. And he who was the only person made india as one nation. National Unity Day is also known as the Rashtriya Ekta Diwas to make the people come together for the development of India. It was introduced by the Govt of India and inaugurated by Indian Prime Minister Narendra Modi in 2014. On National Unity Day a team of 84 students along with faculty members had taken an initiative to clean the street near the AIIMS, Bhubaneswar in association with Youth Action Club, Khurda. This was highly appreciated by BMC and the visitors of AIIMS. Prof. Koustuv Dash Led the Team.




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(GEC, Bhubaneswar)**



Clean the street near the AIIMS, Bhubaneswar in association with Youth Action Club, Khurda on 31/10/2018

M. Udayan Gupta - Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. B. S. S.

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



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No. GEC/PO/18-19/83

Dt. 07-09-2018

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled **“THINK BIG - THINK GREEN” A GREEN INITIATIVE PROGRAM** on 15th September 2018 from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Prof. Mohini P. Mishra, HOD, Computer Science, Deptt. is requested to coordinate this event.

M. V. G. R.
Principal

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REPORT

“THINK BIG - THINK GREEN” A GREEN INITIATIVE PROGRAM

Held on: 15/09/2018

Venue: **JAMUJHARI VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Suryakiran Foundation, Bhubaneswar

Scheme: PRAGATI

No of Students participated: 82

No of Faculty members involved: 8

On 15/09/2018, students and staffs of Gandhi Engineering College undertook a plantation drive in nearby areas of Jamujhari village in association with Suryakiran Foundation, Bhubaneswar. Under the guidance and leadership of Prof. Mohini P. Mishra, HoD, Computer Science, the entire drive was conducted successfully. A large number of students around 82 in number actively participated in the event and were seen spreading awareness about benefits of plantations through placards and banners. On this occasion, Er. Manas Ranjan Panda, vice-chairman, GEC and Dr. R R Sabat, Principal, GEC, congratulated the entire team involved in the plantation drive and extended their best wishes for the event. This plantation drive was conducted under the scheme PRAGATI.




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Plantation drive in nearby areas of Jamujhari village in association with Suryakiran Foundation, Bhubaneswar on 15/09/2018

M. Uma Gupta Rao
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)


Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



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No. GEC/PO/18-19/79

Dt. 12-08-2018

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "LET'S TEAM UP TO CLEAN UP" AN AWARENESS PROGRAM FOR RURAL DEVELOPMENT on 19th August 2018 from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Bhaskar Pattnaik, Associate Professor of EEE department, is requested to coordinate this event.

M. Venkatesh Rao

Principal

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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REPORT

“LET'S TEAM UP TO CLEAN UP” AN AWARENESS PROGRAM FOR RURAL DEVELOPMENT

Held on: 19/08/2018

Venue: **RAGHUNATHPUR VILLAGE, JATNI**

Organized by: Gandhi Engineering College in association with KIDZEE Tangi, Khurda
Scheme: CHETNA

No of Students participated: 78

No of Faculty members involved: 5

In order to create a momentum to bring about a sanitary revolution in the State, the Government has launched “Clean Village Campaign” in 2003. The Clean Village Campaign encompassed all activities taken up in the village for environmental sanitation. To create awareness of Energy saving, a programme was organized in Raghunathpur village in association with KIDZEE Tangi, Khurda. Prof. Bhaskar Pattnaik, Associate Professor of EEE department, who led this programme made his speech on how to save the power and how to stop power theft to the villagers as well as NSS volunteers. The NSS volunteers visited every home in the village to make aware on power usage. They guided everyone how to work together for the holistic growth of their village.



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Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



Speech by Prof. Bhaskar Pattnaik, regarding how to save the power and how to stop power theft to the villagers on 19th August 2018



Door to Door visit by the students to make aware on power usage on 19th August 2018

M. Udaya Gupta Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. P. Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

Environmental Promotional Activities Conducted Beyond the Campus

(Academic Year 2017-18)

Name of the Activity Conducted	Date	No. of Participants	
		Staffs	Students
“DITCH THE DISPOSABLES” A PLASTIC FREE CAMPAIGN	15-08-2017	08	118
“CURE RIVER & CLEAR RIVER” AN AWARENESS PROGRAM FOR CLEANING RIVER	02-10-2017	05	75
“PREVENTING GARDEN- PESTS NATURALLY”: AN AWARENESS CAMP ON AGRICULTURAL DISEASES AND PREVENTION	26-8-2017	7	83
“SAVE IT BEFORE YOU NEED IT” AN AWARENESS PROGRAM ON SUSTAINABLE USE OF WATER	01.02.2018	8	86

M. Vasanta Gopal Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

A. P. Singh

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)



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No. GEC/PO/17-18/୩୦

Dt.08-08-2017

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "Ditch the Disposables a Plastic Free Campaign" on 15th August 2017(Tuesday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program.

Prof. Narendra Kumar Rout, Assistant professor of CSE department is requested to coordinate this event.

M. Venan Gupta - Rao
Principal
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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"DITCH THE DISPOSABLES"

A PLASTIC FREE CAMPAIGN

Held on: 15/08/2017

Venue: **RAGHUNATHPUR VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Biju Patnaik Yuva Club, Tulsipur, Cuttack

Scheme: **PRAGATI**

No of Students participated: 115

No of Faculty members involved: 8

The important subject that affects and worries mankind during these days is the issues concerned with waste management. Raising awareness about plastic free society is an essential component of effective waste management. A plastic free campaign "**DITCH THE DISPOSABLES**" was conducted on the eve of Independence Day i.e. 15th of August 2017 by the institute Gandhi Engineering College in collaboration with Biju Patnaik Yuva Club, Tulsipur, Cuttack under the scheme PRAGATI. After the flag hoisting ceremony at the college premises around 115 students under the guidance of Prof. Narendra Kumar Rout, Assistant professor of CSE department and other faculty members had visited with placards to create awareness among the sellers and buyers of plastic covers. Details of the vendors and distributors of paper covers were provided to these shop keepers. The response to this initiative by the public and in particular from the shop owners was very positive and agreed to reduce/ stop the usage of plastic hence forth. The college and the NSS Unit of GEC hope that the public and other organizations take up




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Gandhi Engineering College
(GEC, Bhubaneswar)

such steps to make India a "plastic free" The villagers were advised not to use plastics. The adverse effect of plastic was explained by students through placard displays. The villagers appreciated the effort shown by the students.



A plastic free campaign "DITCH THE DISPOSABLES" was conducted on 15th of August 2017

M. Venk Gopal Rao

Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

M. Venk Gopal Rao
Principal

Gandhi Engineering College
(GEC, Bhubaneswar)



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No. GEC/PO/17-18/61

Dt. 29-09-2017

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled **"CURE RIVER & CLEAR RIVER" AN AWARENESS PROGRAM FOR CLEANING RIVER** on 2nd October 2017 (Monday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Sunil Panigrahi, Assistant professor of CSE department will initiate this program.

M. Udaya Gupta Rao
Principal
Principal
Gandhi Engineering College
(GEC, Bhubaneswar)

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“CURE RIVER & CLEAR RIVER”

AN AWARENESS PROGRAM FOR CLEANING RIVER

Held on: 02/10/2017

Venue: **SISUPAL GARH VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Kalinga Yuvaka Sangathan, Ghatikia, Bhubaneswar

Scheme: CHETNA

No of Students participated: 75

No of Faculty members involved: 5

To create awareness about saving of water among the villagers an awareness program for river cleaning "**CURE RIVER & CLEAR RIVER**" was organized by our NSS volunteers in association with Kalinga Yuvaka Sangathan, Ghatikia, Bhubaneswar on the eve of Gandhi Jayanti. Rally for rivers is a campaign crafted by Sadhguru to bring awareness to the people of India that our rivers are depleting at alarming levels and that our rivers need to be revived by planting 1km of trees on either side of the rivers. A team of 75 volunteers under the guidance of Prof. Sunil Panigrahi, Assistant professor of CSE department and other faculty members had participated in a cleaning operation of River Daya, that is running besides the village Sisupalgarh, just after the immersion ceremony of lord Durga. They had removed many idols from the river and motivated the villagers to keep the river clean for their betterment only.



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(GEC, Bhubaneswar)



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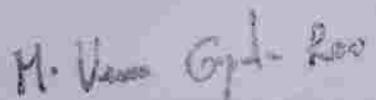
River cleaning was organized by our NSS volunteers in association with Kalinga Yuvaka Sangathan, Ghatikia, Bhubaneswar on 02/10/2017



Rally for rivers is a campaign crafted by Sadhguru to bring awareness to the people on 02/10/2017


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Gandhi Engineering College
(GEC, Bhubaneswar)



GANDHI ENGINEERING COLLEGE (GEC, BHUBANESWAR)

(Approved by AICTE, Govt. of India & Affiliated to Biju Patnaik University of Technology, Govt. of Odisha)

No. GEC/PO/17-18/53

Dt. 20-08-2017

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "PREVENTING GARDEN- PESTS NATURALLY": AN AWARENESS CAMP ON AGRICULTURAL DISEASES AND PREVENTION.

An Awareness Program on Waste managements on 26th August 2017(Saturday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Binayak Mishra, Assistant Professor of Mechanical Engineering is requested to coordinate this event.

M. V. Principal - Rao

Principal
Gandhi Engineering College
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Principal
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“PREVENTING GARDEN- PESTS NATURALLY”: AN AWARENESS CAMP ON AGRICULTURAL DISEASES AND PREVENTION

Held on: 26/08/2017

Venue: **MAHURA VILLAGE, JATNI**

Organized by: Gandhi Engineering College in association with Yuva Utkal Foundation, Bhubaneswar

Scheme: CHETNA

No of Students participated: 83

No of Faculty members involved: 7

A biological pest control awareness program on agricultural diseases and prevention was conducted under the scheme CHETNA at **MAHURA VILLAGE, JATNI** in association with Yuva Utkal Foundation, Bhubaneswar on 26th August 2017 under the leadership of Prof. Binayak Mishra, Assistant Professor of Mechanical Engineering. Around 83 nos. of student volunteers participated actively in that event. The main objective of this programme is to create awareness among the technical students in the area of organic farming. Retired horticulturist Mr. Bibhudendu Sahu was the chief guest of the programme made power point presentation on the bad effects of chemicals and pesticides to agriculture sector and advised them to use organic manures and pest control techniques to upgrade their harvesting and make the farmers more beneficial. He also emphasized the role of engineering technology in Agriculture sector in the current scenario. To grow healthy fruits and vegetables and regenerate nutrient in soil through natural manure and



A.P.M.
Principal

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save the poor farmers from the high-cost inputs like pesticides, fertilizers, genetically modified organisms, antibiotics and growth hormones we have recently entered into the area of organic farming.



A biological pest control awareness program in association with Yuva Utkal

Foundation, Bhubaneswar on 26th August 2013

A. B. S. W.
Principal

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No. GEC/PO/17-18/ 42

Dt. 28-01-2018

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "Waste Water- Die Faster" A public Awareness Program on Water Conservation on 1st February 2018 (Thursday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Mohini P. Mishra HOD CSE department is requested to coordinate this event.

M. Vasu Gupta Rao
Principal

Principal
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“SAVE IT BEFORE YOU NEED IT”

AN AWARENESS PROGRAM ON SUSTAINABLE USE OF WATER

Held on: 01 /02/2018

Venue: **KANTABADA VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Odisha Environment Society, Bhubaneswar

Scheme: CHETNA

No of Students participated: 86

No of Faculty members involved: 8

Water is the largest natural resource but only 3% of it is fresh water, of which just 1/3 is accessible for use in agriculture and cities. The rest is frozen in glaciers or hidden too deep underground. Today, the main water source for over 2 billion people are aquifers – underground stores of freshwater. As income levels have risen globally, so has the demand for water-intensive goods such as manufacturing, meat, and dairy products, stressing global freshwater resources. Such increase in global freshwater consumption has led to the depletion of over half of the world’s largest aquifers, and is a problem that will likely deteriorate as demand grows. At this pace, available freshwater reserves needed to ensure basic water, food, and energy security are predicted to drop by 40%. As the world warms, climate change can threaten ecosystems and environments that protect vital water resources, limiting access to them even more. Faced with this global challenge, local action remains essential with regard to the individual impact of our consumption habits.



A. B. M. J.
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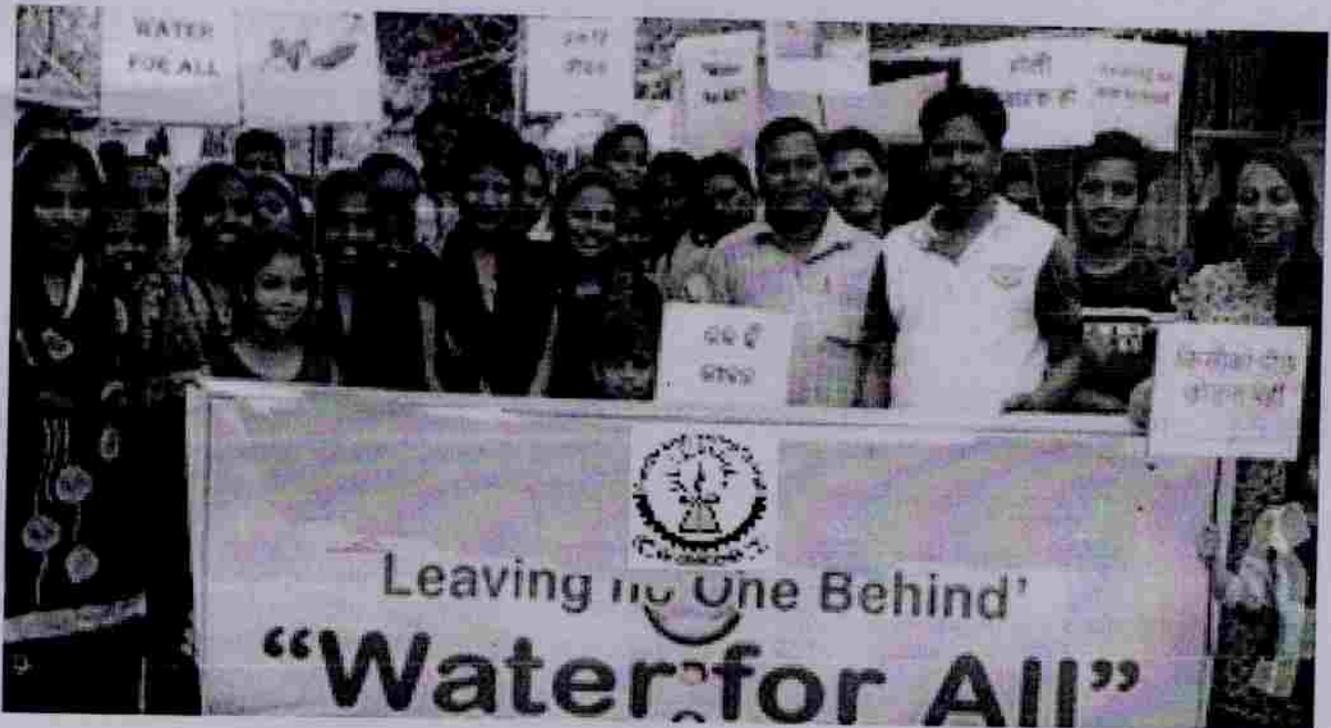


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On this point, the knowledge of the citizens remains limited and an awareness-raising / information work is indispensable.

Under the guidance and leadership of Prof. Mohini P. Mishra HOD CSE department, an awareness program on sustainable use of water "SAVE IT BEFORE YOU NEED IT" was conducted by Gandhi Engineering College in association with Odisha Environment Society, Bhubaneswar under the scheme CHETNA on 1st February 2018 at Kantabada village in Khurda. The villagers were addressed regarding protecting the environment for the coming generations begins with more effective water management today.



Awareness program on sustainable use of water at Kantabada Village on 1st February

2018

M. Vasanta Gopala Rao

Principal
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Environmental Promotional Activities Conducted Beyond the Campus
(Academic Year 2016-17)

Name of the Activity Conducted	Date	No. of Participants	
		Staffs	Students
“ORGANIC FARMING” A COMMUNITY PROGRAM FOR HEALTHY FARMING	28-04-2017	10	92
“GO WITH THE FLOW” AN OUTLET INITIATIVE FOR PURE DRINKING WATER	1-04-2017	10	125
“MY VILLAGE - MY PRIDE” AN INITIATIVE FOR VILLAGE CLEANLINESS, TREE SAPLING AND DOOR TO DOOR CAMPAIGN FOR HEALTH AWARENESS	02-10-2016	09	75
“SLOW THE FLOW- SAVE US & SAVE OTHERS” A PUBLIC AWARENESS CAMP FOR WATER CONSERVATION	15-09-2016	7	87

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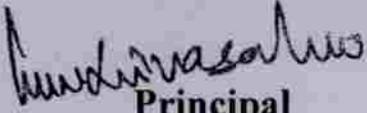
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No. GEC/PO/16-17/37

Dt. 21-04-2017

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "**ORGANIC FARMING**" A COMMUNITY PROGRAM FOR HEALTHY FARMING A Green Initiative Program on 28th April 2017 (Friday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Kaustav Dash, ECE Dept. is requested to coordinate this event.


Principal

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“ORGANIC FARMING”

A COMMUNITY PROGRAM FOR HEALTHY FARMING

Held on: 28 /04 /2017

Venue: **JAMUJHARI VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Chetna organic Farm, Kalahandi, Odisha

Scheme: CHETNA

No of Students participated: 92

No of Faculty members involved: 10

On the eve of Akshay Tritiya on 28th April 2017 a Training Program for healthy farming “Organic Farming” was conducted under the scheme Chetna at the Panchayat Office of Jamujhari Village to guide farmers into Organic Farming and demonstrate the preparation and use of Jeevamrutha. The event was conducted in association with Chetna organic Farm, Kalahandi, Odisha who had excelled in this sector. Around 92 nos. of students participated voluntarily to make this event successful.

The main objectives of the programme were to explain to the participants, about the ill effects of chemicals used on the crops in their fields. It was explained that when chemicals were used in farming, they gradually reduced the effective production capacity of the soil and more and more chemicals had to be applied to produce the same output.




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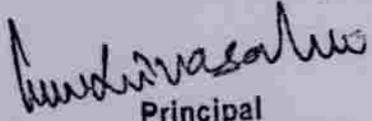
Whereas organic methods were ideal to maintain the level of soil capacity in terms of production.

Following the registration and welcome of the farmers the following topics were explained and discussed: -

- Disadvantages of chemical farming, conventional farming and its impact on life.
- Information on Sustainable Agriculture, methods of Organic Farming and importance of Organic Fertilizers.
- Information on the preparation of bio-pesticides namely Jeevamrutha and Nimboli Ark (liquid manure and pesticides).
- Preparation of vermi-culture compost and the importance of water management.
- Information on Govt. subsidies for organic farming.



A community program for healthy farming at Jamujhari village on 28th April 2017


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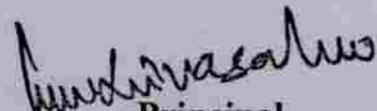
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No. GEC/PO/16-17/32

Dt. 25-03-2017

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled " **“GO WITH THE FLOW” AN OUTLET INITIATIVE FOR PURE DRINKING WATER** on 1st April 2017 (Saturday) from 10.00 A.M. onwards. Those who want to be part of it, can give their names to the event coordinator. All are cordially invited to attend this program. Prof. Narendra Ku Rout, Asst. Professor of CSE department is requested to coordinate this event.


Principal

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“GO WITH THE FLOW”

AN OUTLET INITIATIVE FOR PURE DRINKING WATER

Held on: 01 /04 /2017

Venue: **KAIMATIA MARKET AREA, KHURDA**

Organized by: Gandhi Engineering College in association with Youth Action Club, Khurda

Scheme: PRAGATI

No of Students participated: 125

No of Faculty members involved: 10

An arrangement for drinking water distribution for a period of 3 months during summer was done by GEC in association with Youth Action Club, Khurda at the kaimatia market area, khurda under the leadership of NSS Wing led by Prof. Narendra Ku Rout, Asst. Professor of CSE department. It was inaugurated on the occasion of Utkal Divas. Around 125 students were involved in distribution of drinking water for the 3-month long program. This was highly appreciated by the villagers.



A. B. Rout
Principal

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An outlet initiative for pure drinking water at Kaimatia village on 1st April 2017

Sundharasahu

Principal
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A. B. W.
Principal

Gandhi Engineering College
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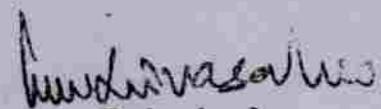
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No. GEC/PO/16-17/25

Dt. 25-09-2016

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "MY VILLAGE - MY PRIDE" AN INITIATIVE FOR VILLAGE CLEANLINESS, TREE SAPLING AND DOOR TO DOOR CAMPAIGN FOR HEALTH AWARENESS. A Green Initiative Program on 2nd October 2016 (Sunday) from 10.00 A.M. onwards. Interested students can send their names to the coordinator of the event. All are cordially invited to attend this program. Prof. Binayak Mishra of Mechanical Dept. is requested to coordinate this event.


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“MY VILLAGE - MY PRIDE”

AN INITIATIVE FOR VILLAGE CLEANLINESS, TREE SAPLING AND DOOR TO DOOR CAMPAIGN FOR HEALTH AWARENESS

Held on: 02 /10/2016

Venue: **JANLA VILLAGE, KHURDA**

Organized by: Gandhi Engineering College in association with Saswati Foundation and research, Bhubaneswar

Scheme: CHETNA

No of students participated: 75

No of Faculty members involved: 9

The programme was organized to make the villagers aware of cleanliness of their surroundings. In the presence of Prof. Binayak Mishra, the programme was initiated in the Janla village in Association with Saswati Foundation and research, Bhubaneswar on 2nd October 2016 under the scheme CHETNA. Around 75 nos. of students participate in the cleaning operation along with faculty members. The students of the college had organized a rally to promote the Swachh Bharat mission. Mass awareness was created with various slogans as the active participants signified the importance of hygiene in making India “disease-free”. This program was highly appreciated by the villagers and students. Saplings were distributed among the villagers and they were motivated to plant more and more plants to keep their surrounding healthy and pollution free.



A. D. D.
Principal

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An initiative for village cleanliness, tree sapling and door to door campaign for health awareness at Janla village on 2nd October 2016

A. Das
Principal

Gandhi Engineering College
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Kundavaram
Principal
Gandhi Engineering College



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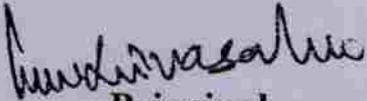
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No. GEC/PO/16-17/20

Dt. 08-09-2016

NOTICE

It is hereby informed to all the students that a program will be organized by the college in nearby village with the topic entitled "SLOW THE FLOW- SAVE US & SAVE OTHERS" A PUBLIC AWARENESS CAMP FOR WATER CONSERVATION on 15.09.16 (Thursday) from 11.00 A.M. onwards. It is an event aimed at making people aware about the importance of saving environment which is life for us. Those who want to be part of it, can give their names to the event coordinator. All are cordially invited to attend this program. Prof. Manoj Kumar Nayak from Mechanical Dept. is requested to coordinate this event.


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“SLOW THE FLOW- SAVE US & SAVE OTHERS”

A PUBLIC AWARENESS CAMP FOR WATER CONSERVATION

Held on: 15/09/2016

Venue: **PITAPALLI VILLAGE, JANLA**

Organized by: Gandhi Engineering College in association with Maa Mangala Foundation, Bhubaneswar

Scheme: CHETNA

No of students participated: 87

No of Faculty members involved: 7

Water is the largest natural resource but only 3% of it is fresh water, of which just 1/3 is accessible for use in agriculture and cities. The rest is frozen in glaciers or hidden too deep underground. Today, the main water source for over 2 billion people are aquifers – underground stores of freshwater. As income levels have risen globally, so has the demand for water-intensive goods such as manufacturing, meat, and dairy products, stressing global freshwater resources. Such increase in global freshwater consumption has led to the depletion of over half of the world’s largest aquifers, and is a problem that will likely deteriorate as demand grows. At this pace, available freshwater reserves needed to ensure basic water, food, and energy security are predicted to drop by 40%. Water crisis is a reality. From water scarcity to drinking water contaminated with feces, water crisis has many faces. Several organizations have shared their voices regarding the rising concern through powerful campaigns.




Principal

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A public awareness campaign "SLOW THE FLOW- SAVE US & SAVE OTHERS" for water conservation was conducted by GEC on the eve of Engineer's Day at Pitapalli Village in association with Maa Mangala Foundation, Bhubaneswar under the scheme CHETNA. Around 87 nos. of student volunteers participated in that event. Through placards they explained the value of water and requested all not to misuse or waste it. This was highly appreciated by the villagers.



A public awareness campaign for water conservation was conducted by GEC on 15th

September 2016

Mundirasa

Principal
Gandhi Engineering College
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A.R.W.

Gandhi Engineering College
(GEC, Bhubaneswar)