



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Affiliated to Sant Gadge Baba Amravati University, Amravati

NAAC

Criterion-VII

Institutional Values and Best Practices

<https://vinayakmahankh.in> 

+91 7221222245 

vvm197@sgbau.ac.in 

Nandgaon Khandeshwar, Amravati 

CRITERON-VII

7.1 Institutional Values and Social Responsibilities



7.1.3 Quality audits on environment and energy regularly undertaken by the Institution



VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

Sau. Sulbha Sanjay Khodke
(MLA, Amravati)
President, P.K.M Trust, Amt.

College Code: 197, Ph. No. 07221-222245
Email: vvm197@sgbau.ac.in

Dr. Alka Anant Bhise
(Principal)
Mob.9823526341

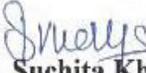
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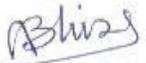
D. 10/05/2023

SELF DECLARATION

This is to certify that, the information, reports, true copies of the supporting documents, numerical data and web links furnished in this file are verified by I.Q.A.C. and head of the Institution and found correct.

Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati





7.1.3 (a) Report on environmental Promotional activities conducted beyond the campus with geo tagged photographs with caption and date.



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Recognition:

स्वाच्छ महाराष्ट्र
अभियान
सजलपट्टी
स्वच्छतेची

स्वच्छ
भारत
एक कदम स्वच्छता की ओर

नगर पंचायत कार्यालय, नांदगांव खंडेश्वर ता. नांदगांव खंडेश्वर जि. अमरावती

-: प्रमाणपत्र :-

प्रमाणीत करण्यात येते की, विनायक विज्ञान महाविद्यालय
नांदगाव खंडे.जि. अमरावती यांना स्वच्छ सर्वेक्षण 2019 अंतर्गत शहरात मुख्य ठिकाणची स्वच्छता करून व सुंदर
स्वच्छतेचे चित्र रेखाटून या स्पर्धेत प्रथम क्र. बजावल्या बद्दल हे प्रमाणपत्र प्रदान करण्यात येत आहे.

स्थळ :- नांदगाव खंडे.

दिनांक :- १५/११/२०१९ .

मुख्याधिकारी
नगर पंचायत नांदगाव खंडे

Activate Windows

नेहरु युवा केन्द्र अमरावती
NEHRU YUVA KENDRA AMRAVATI

जिला कार्यालय
नेहरु युवा केन्द्र संगठन
युवा कार्यक्रम और खेल मंत्रालय
भारत सरकार

District Office of the
Nehru Yuva Kendra Sangathan
Ministry of Youth Affairs & Sports
Government of India

NYK/AMT/COREPROGRAM/2023-24/28
Date: 06/06/2023

To,
The Principal,
Vinayak Vidyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati.

Subject: - Regarding successful organisation of webinar on Rain water harvesting.

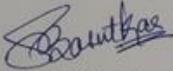
Respected Madam,

We thank you for extending your support in organising the Core programme of Nehru Yuva Kendra Amravati i.e webinar on Rain water harvesting held on 22nd March, 2021.

We are extremely grateful to you for your time, knowledge contribution and efforts taken towards organising the programme.

Thanking You!

Regards,



Snehal Basutkar
District Youth Officer
Nehru Yuva Kendra Amravati
(Ministry of Youth Affairs & Sports)

Clean and green campus initiatives

Plantation: Session 2018-19



World Sparrow Day



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Celebration of World Sparrow Day

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar			
DEPARTMENT OF ZOOLOGY			
WORLD SPARROW DAY			
Attendance Sheet		Date :- 21/03/2022	
SR NO	STUDENT NAME	CLASS	SIGN
1)	Ashwini R. Wankhade	BSc I	Ashwini
2)	Rakhi R. Sonare	BSc II nd year	Rakhi
3)	Akshata P. Bhambhani	BSc II nd year	Akshata
4)	Shivani J. Chavhan	BSc II nd year	Shivani
5)	Shravya G. Dhoke	BSc II nd year	Shravya
6)	Shreyasni R. Dewale	BSc II nd year	Shreyasni
7)	Priya V. Ichubargade	BSc I st year	Priya
8)	Neharini D. Timare	BSc I st year	Neharini
9)	Riya M. Gadam	BSc I st year	Riya
10)	Anita N. Mokalekar	BSc I st year	Anita
11)	Vaishnavi R. Neware	BSc I st year	Vaishnavi
12)	Annapali A. Kale	BSc I st year	Annapali
13)	Arpita P. Thakare	BSc I st year	Arpita
14)	Vaishnavi R. Zafale	BSc I st year	Vaishnavi
15)	Sakshi R. Gulhane	-	Sakshi
16)	Rena P. Phophale	-	Rena
17)	Samiksha P. Dakare	-	Samiksha
18)	Ankita S. Mandvyade	B.Sc III rd year	Ankita
19)	Dimpal V. Jagtap	-	Dimpal
20)	Achal B. Sitare	-	Achal
21)	Shamal D. Ingole	-	Shamal
22)	Pooja V. More	-	Pooja
23)	Pranjana P. Gulhane	-	Pranjana
24)	Pupali V. Mahato.	-	Pupali
25)	Asmita Sable	-	Asmita
26)	Anushka S. Bate	-	Anushka
27)	Jayashree R. Tankar	B.Sc 3 rd year	Jayashree
28)	Bhagyashri J. Shelke	B.Sc 3 rd year	Bhagyashri

Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar			
DEPARTMENT OF ZOOLOGY			
WORLD SPARROW DAY			
Attendance Sheet		Date :- 21/03/2022	
SR NO	STUDENT NAME	CLASS	SIGN
29)	Rajani Ashokrao Chavhan	B.Sc 3 rd year	Rajani
30)	Achal Rajesh Satse	B.Sc 3 rd year	Achal
31)	Pooja Wasudev More	B.Sc 3 rd year	Pooja
(32)	Shubham Bandu Sonar	B.Sc III rd year	Shubham
33)	Aniket Rupnab Chavale	B.Sc I st year	Aniket
34)	Aniket Pramod Khode	B.Sc I st year	Aniket
35)	Rushi Sonjay Gadge	B.Sc I st year	Rushi
36)	Achal Arun Bansod	B.Sc III rd year	Bansod

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.



VINAYAK VIDNYAN MAHAVIDYALAYA
Nandgaon Khandeshwar, Dist. Amravati
(An institute run by Pravin Khodke Memorial Trust, Amravati)



Sau. Sulbha Sanjay Khodke
(MLA)
President, P. K. M. Trust,
Amt.

College Code No. : 197 || (07721) 222245
Email : vvm197@sgbau.ac.in
Sev. Id. 06610100047
Website: www.vinayakmahankh.in

Dr. Alka Anant Bhise
Principal
Mob. No. 9823526341

Outward No. : PKMT/VVM/0322/Q

Date : 19/03/2022

To,
Mr. Kiran More
Veterinary supervisor
Zilla Parishad
Amravati.

Sub: Invitation as key note speaker for the World Sparrow day.

Respected Sir,

We are glad to inform you that you are invited as a key note speakers for delivering a talk on the topic "Backyard Birds" on Monday 21st March 2022 at 12.00 p.m. the occasion of World Sparrow Day 2022. The talk is organized by department of zoology of Vinayak Vidnyan Mahavidyalaya, Nandgaon (kh), Dist. Amravati in association with Wildlife and Environment Conservation Society, Amravati.

We hope you will accept our invitation and will guide us on the above topic

Thank you.

Dr. Alka Anant Bhise
Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon (kh) Dist. Amravati.

Session 2019-20 Swachha Bharat Abhiyan

Circular received from HRD Ministry Dept. of Higher Education

URGENT

F.No. 11018/10/2019-(EBSB)
Government of India
Ministry of Human Resource Development
Department of Higher Education
EBSB Cell

534 C-Wing, Shastri Bhawan, New Delhi
Dated the 9th December, 2019

OFFICE MEMORANDUM

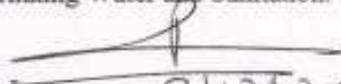
Subject: Observation of Swachhta Pakhwada, 2020 – reg.

The undersigned is directed to enclose DO letter no. 561/1/1/2017-CA-V dated 29th November, 2019 received from Cabinet Secretary regarding observation of Swachhta Pakhwada for the year 2020 by Ministry of Human Resource Development during 16th January to 31st January (Annexure-I). It has been requested to identify innovative practices in Swachhata related activities and mainstream them during these pakhwadas and publicize them to encourage active participation of the members of public. Accordingly, a plan of activities to be undertaken by all the CFTIs under the purview of this Ministry has been prepared (Annexure-II).

2. All the Bureau Heads are, therefore, requested to ask the Universities / Institutes and agencies under their administrative control to observe the Swachhta Pakhwada 2020 by undertaking activities as per the enclosed plan.

3. The Institutes may also send the date-wise report of the activities undertaken during this period along with photographs (size 2-5 MB) at email ID swachhtapakhwada2020@gmail.com so that the same may be uploaded on the portal of Department of Drinking Water and Sanitation.

Encl.: As above.


9/12/2019
(Pandey Pradeep Kumar)
Under Secretary (EBSB)
Phone: 011 - 23386934

Sr. No.	Date	Activities
Within Campus		
1	16th January 2020	Swachhta Pledge Taking Ceremony
2	17th January 2020	Cleanliness Drive in Campus
3	20th January 2020	Plantation of Saplings
4	21st January 2020	Talk Show on Swachhta
5	27th January 2020	Presentation of Waste Recycling
Beyond Campus		
	18th January 2020	Cleanliness Drive in Nandgaon Kha. Village
	22nd January 2020	Competitions on Water Conservation
	23rd January 2020	Competition on 'Best out of Waste'
	24th January 2020	Competitions Environment Conservation
	25th January 2020	Awareness Campaigning
	28th January 2020	Wall Painting in Nandgaon (Kha.) Village
	30th - 31st January 2020	Village Visit by Students - Survey Report

Swachhta Pledge Taking Ceremony

(16th January 2020)

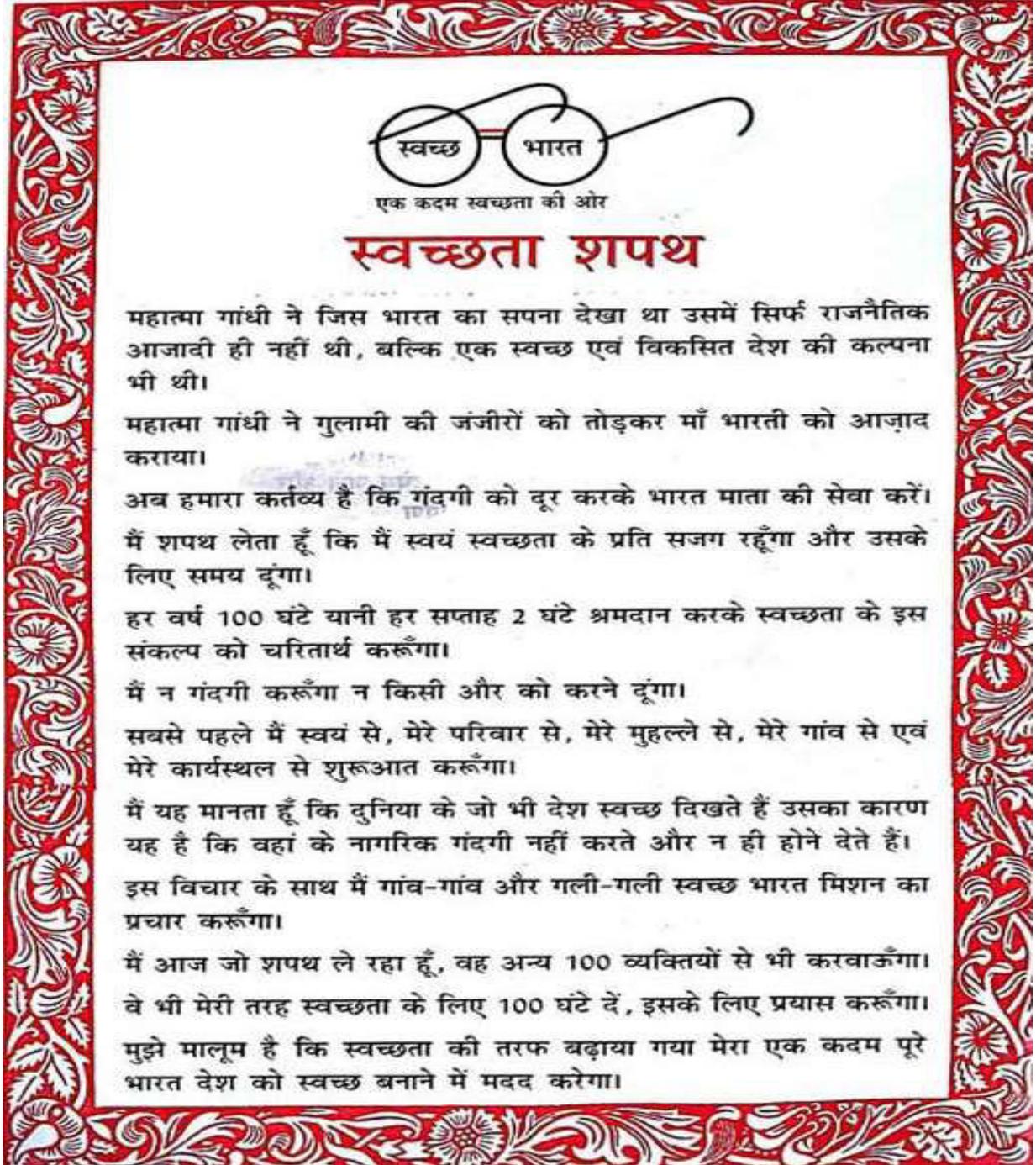
On the appeal of the Prime Minister Narendra Modi regarding the cleanliness of India, and as per the directions from HRD Ministry Dept. of Higher Education, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar has taken an initiative to celebrate “*Swachhata Pakhwada - 2020*” from 16th January to 31st January 2020.



Image: Students, Teaching, Non-teaching staff while taking Swachhata Pledge

As a part of this programme, on 16 January 2020 at 11.00 am students, teaching and non-teaching staff of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar were assembled to take Swachhata Pledge. On this occasion, Principal Dr. Alka Bhise inaugurated the “*Swachhata Pakhwada - 2020*” and she also said that the cleanliness starts from oneself and one feels good when the area around him is neat and clean. She suggested that instead of pointing fingers at others, one should start keeping his/her own house, office and the surroundings clean. She also appealed to all students to start a campaign for cleanliness such as Departments, Labs, College premises, and campus cleanliness and to start the awareness campaign among the local peoples of Nandgaon village. This will help in spreading the importance of cleanliness. Further, Dr.

Prashant B. Kharat has given the Swachhata Pledge to all and he appealed to everyone to follow the pledge in true spirit and contribute towards Swachh Bharat.



स्वच्छ भारत
एक कदम स्वच्छता की ओर

स्वच्छता शपथ

महात्मा गांधी ने जिस भारत का सपना देखा था उसमें सिर्फ राजनैतिक आजादी ही नहीं थी, बल्कि एक स्वच्छ एवं विकसित देश की कल्पना भी थी।

महात्मा गांधी ने गुलामी की जंजीरों को तोड़कर माँ भारती को आजाद कराया।

अब हमारा कर्तव्य है कि गंदगी को दूर करके भारत माता की सेवा करें। मैं शपथ लेता हूँ कि मैं स्वयं स्वच्छता के प्रति सजग रहूँगा और उसके लिए समय दूँगा।

हर वर्ष 100 घंटे यानी हर सप्ताह 2 घंटे श्रमदान करके स्वच्छता के इस संकल्प को चरितार्थ करूँगा।

मैं न गंदगी करूँगा न किसी और को करने दूँगा।

सबसे पहले मैं स्वयं से, मेरे परिवार से, मेरे मुहल्ले से, मेरे गांव से एवं मेरे कार्यस्थल से शुरूआत करूँगा।

मैं यह मानता हूँ कि दुनिया के जो भी देश स्वच्छ दिखते हैं उसका कारण यह है कि वहाँ के नागरिक गंदगी नहीं करते और न ही होने देते हैं। इस विचार के साथ मैं गांव-गांव और गली-गली स्वच्छ भारत मिशन का प्रचार करूँगा।

मैं आज जो शपथ ले रहा हूँ, वह अन्य 100 व्यक्तियों से भी करवाऊँगा। वे भी मेरी तरह स्वच्छता के लिए 100 घंटे दें, इसके लिए प्रयास करूँगा। मुझे मालूम है कि स्वच्छता की तरफ बढ़ाया गया मेरा एक कदम पूरे भारत देश को स्वच्छ बनाने में मदद करेगा।

(17th January 2020)

Cleanliness Drive in Campus



Image: Students, Teaching, Non-teaching staff in cleanliness drive of campus

On 17th January 2020, cleanliness drives was organized in the campus of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar. In this drive various laboratories, classrooms, corridor and surrounding of the college campus was cleaned by students and all staff. Principal, Dr. Alka Bhise was addressed to the Students, Teaching, and Non-teaching staff of the college about cleanliness and motivated to all students to aware the people about importance of cleanliness. In this cleanliness drive Students, Teaching, Non-teaching staff were participated actively and cleaned the college premises.

Plantation of Saplings (with high CO₂ absorption rate)

(20th January 2020)

As we know that due deforestation, there is increasing in co2 level in environment. the level of co2 in environment plantation programme was organized in the Saplings plantation activity was organized on 20th January 2020. Students, Teaching, Non-teaching staff actively participated in the Saplings plantation and plants which are to be good at absorbing and storing CO₂.



Image: Students, Teaching, Non-teaching staff planting the saplings high CO₂ absorption rate

Talk Show on Swachhta माझाकचरामाझीजबाबदारी / My Waste, My Responsibility

(21st January 2020)

During the celebration of *Swachhata Pakhwada – 2020* a programme was arranged by the Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar.



Image: Shri. Nandkishor Gandhi delivering lecture on awareness among students.

The programme was about innovative techniques for avoiding and reusing managing waste materials *Swachhata Doot Shri. Nandkishor Gandhi* from Kamdhenu Prakrutik Urja Kendra guided college students and He also told students that they can make straws from wheat stems. He also gave information about his work on waste management and his plant of waste management situated near Amravati.

Presentation of Innovative Technologies for Waste Recycling

(27th January 2020)

Demonstration on waste management



Image: Dr. Swapnil Tinkhede while demonstrating on waste management.

On the occasion of Swachhta fortnight – 2020 department of zoology arranged demonstration on mobile kitchen waste decomposer model which was presented by Dr. Swapnil Tinkhede. He explained the simple mechanism of the decomposing the model of kitchen waste. In this model daily generated kitchen vegetable waste was added with the addition of 1-2 teaspoons of organic powder. So, all the kitchen waste materials start to decompose within 2-3 days. The water from the decomposed material is collected and is a good source of various nutritional components for plants.

Awareness about health and hygiene

On 25th January 2020, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar were organized activity among students to encourage their cleanliness habits about health and hygiene. By pointing this hand washing demonstration were conducted in college and various nearby schools.

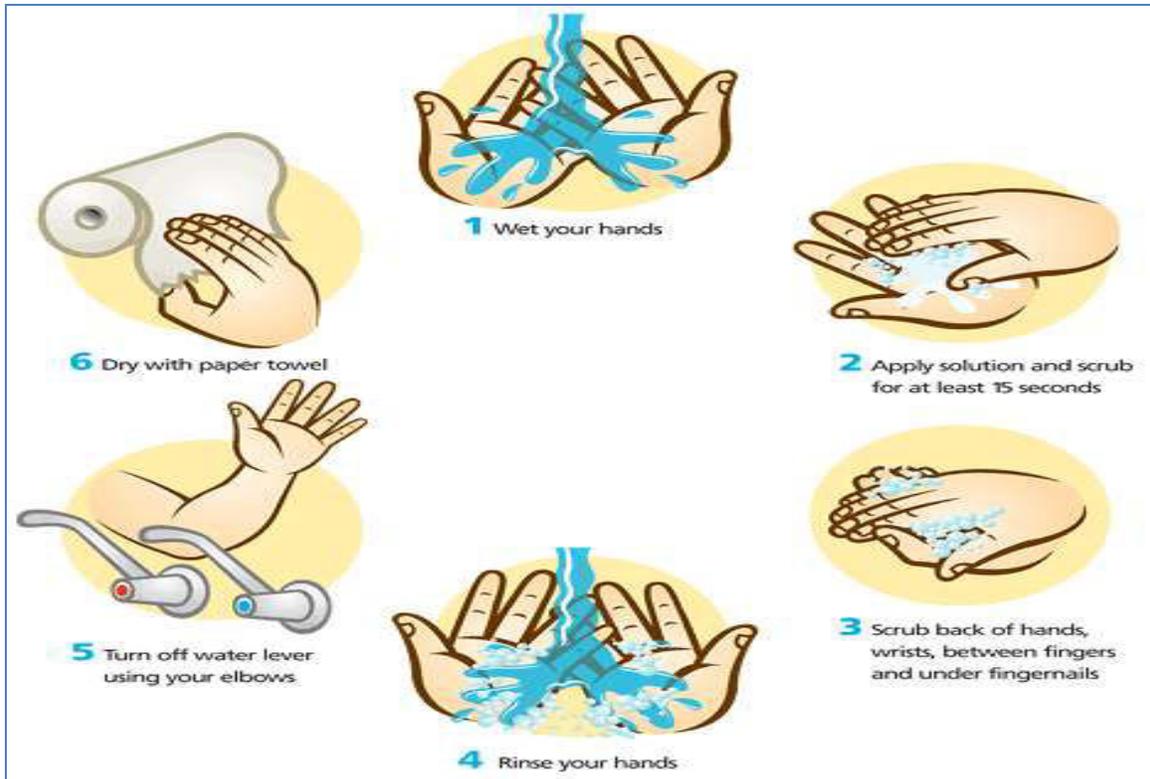
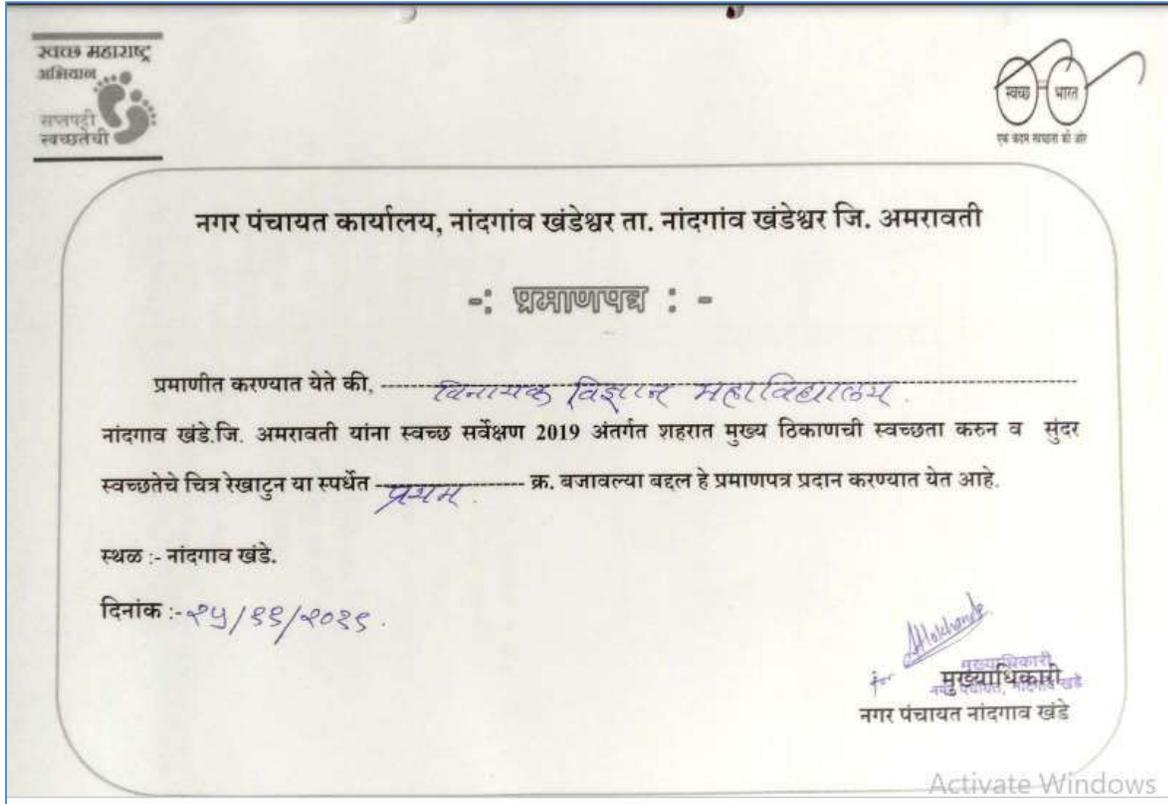


Image: Shri. Nandkishor Gandhi delivering lecture on awareness among students.

Image: Dr. Swapnil Tinkhede while demonstrating on waste management

Beyond Campus activities



Swachhata Pakhawada 2019-20 [Beyond the Campus Activities]		
	18th January 2020	Cleanliness Drive in Nandgaon Kha. Village
	22nd January 2020	Competitions on Water Conservation
	23rd January 2020	Competition on 'Best out of Waste'
	24th January 2020	Competitions Environment Conservation
	25th January 2020	Awareness Campaigning
	28th January 2020	Wall Painting in Nandgaon (Kha.) Village
	30th - 31st January 2020	Village Visit by Students - Survey Report

Cleanliness Drive in Nandgaon Khandeshwar Village

(18th January 2020)

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

After the cleaning the college premises, on 18th January 2020, the cleanliness drive in Nandgaon Village was organized by Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar. Students, Teaching, Non-teaching staff actively participated in the cleanliness drive in Nandgaon Village. The students told villagers about cleanliness and also urged to keep our surroundings neat and clean. They also explained the various factors that affecting health.



Image: Students, Teaching, Non-teaching staff participating in the cleanliness drive in Nandgaon Khandeshwar Village

Poster Competitions on Water Conservation

(22nd January 2020)

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Competitions regarding water conservation-speech, poster making, slogan writing were organized by the Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar on 22nd January 2020. Students from various schools and colleges from Nandgaon were participated in the Competitions. Students were given speech, made various posters and slogans about water conservations.

Name of Activity: Speech, Poster Making (Drawing Competition), Slogan

Incharge: Dr. P. B. Deshmukh, Dr. A. S. Bansod

Topic: Water Conservation/ Swachha Bharat Abhiyaan

Objective: To nurture the culture of cleanliness, healthiness water conservation into the minds of the students

Applicable students: 5th, 6th, 7th standard

No. of posters received from students: 166

No. of schools participated: 04

S.N.	Name of School	Name of School Coordinator & Contact No.
1	Ramrao Bhoyar Vidyalaya, Nandgaon Khandeshwar	Mr. Vilas Marodkar, 8275418990
2	Eklavya Gurukul School, Nandgaon Khandeshwar	Mr. Sandip Raut, 8766527305
3	Nandgaon Highschool, Nandgaon Khandeshwar	Mrs. S. S. Shende, 8007685357
4	Y.E.S. English School & Jr. College, Nandgaon Khandeshwar	Ms. Ekhar, 7499396324

Plan of action:

1. Visit to the Schools for the awareness about the Drawing Competition on
1 Water Conservation 2. Swachha Bharat Abhiyaan
by the students of B.Sc.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

2. Competition organized on the date 22nd January 2020 , 3.00 pm at various Schools.



3. Drawing sheets were provided by Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.
4. Total number of participants 166 school students.
5. Exhibition was organized on 22rd January 2020, 11.00 am at Yogini Hall.
6. Judging was done by following faculty members

S.N.	Name of Judge	Designation
1	Dr. Gajendrasingh S. Pachlore	Assistant Professor, Department of Zoology, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.
2	Prof. Subodh Bansod	
3	Prof. Swapnil Tinkhede	

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.



Winners:

Winners position	5 th Standard	6 th Standard	7 th Standard
1	Dhanashri Ajmire	Ishwari Gedam	Mahima Bawane
2	Aryan Gulhane	Om Marotkar	Prajakta Raut
3	Aditya Shinde	Devyani Kapade	Anushree Welukar

News



Essay Competition on Water Conservation


Pravin Khodke Memorial Trust's
Vinayak Vidnyan Mahavidyalaya
 Tq. Nandgaon Khandeshwar, Dist. Amravati

Date 03.02.2020

Department of Chemistry
 Report of Essay Competition

As per the guideline of Govt.Swachata Pandharwada activity was carried out in Vinayak Vidnyan Mahavidyalaya Nandgaon Kh.Under this the Essay Competition for High school students was arranged. Topic of Competition was **Water conservation**. Four School from the Nandgaon Khandeshwar region had participated in this activity. In this Competition 107 students participated out of Which Three Prizes were given in annual gathering of the college.

Swachha Bharat Abhyan

Name of Activity:- Essay competition
 Incharge: Dr.V.M.Sherekar, Dr. K.P.Kakale
 Topic: Water Conservation
 Objective: To nurture the culture of cleanliness, healthiness and water Conservation into the minds of the students
 Applicable students: 8th, 9th, 10th standard
 No. of Essay received from students: 107
 No. of schools participated: 04

S.N.	Name of School	Name of School Coordinator & Contact No.
1	Ramrao Bhojar Vidyalaya, Nandgaon Khandeshwar	Mr. Vilas Marodkar, 8275418990
2	Eklavya Gurukul School, Nandgaon Khandeshwar	Mr. Sandip Raut, 8766527305
3	Nandgaon Highschool, Nandgaon Khandeshwar	Mrs. S. S. Shende, 8007685357
4	Y.E.S. English School & Jr. College, Nandgaon Khandeshwar	Ms. Ekhar, 7499396324

Plan of action:

1. Visit to the Schools for the awareness about the Essay Competition on
 1. Water Conservation 2. Swachata Bharat Abhyan
2. **Winners:**

Winners position	Name of student	Name of School	Class
1	Ku.Mohini D.Patil	Ramrao Bhojar Vidyalaya, Nandgaon Khandeshwar	10 th A
2	Ku.Janhavi D.Kene	Nandgaon Highschool, Nandgaon Khandeshwar	8 th A
3	Ku Aditi J.Dhande	Y.E.S. English School & Jr. College, Nandgaon Khandeshwar	9 th B

Prizes:

1. Institute offered Merentenos for each class as a 1st, 2nd and 3rd rank.
2. Prize distribution function was held on 29th January 2020 by the hands of Hon'ble Mrs. Sulabhatai Khodke, President Pravin Khodke Memorial Trust, Amravati.



Essay Competition at various schools organized by Department Of chemistry


PRINCIPAL
 VINAYAK VIDNAYAN MAHAVIDYALAYA
 NANDGAON KH, DIST. AMRAVATI


Mr.Nilesh S Padole
 Assistant Professor
 Department of Chemistry

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

प्रवीण खोडके मेमोरियल संस्थेत
विनायक विज्ञान महाविद्यालय
 ता. नांदगाव खंडेपूर, जि. अमरावती

स्वच्छ भारत अभियान पंधरवडा - भितीपत्रिका (पोस्टर), निबंध स्पर्धे बाबत माहितीपत्रिका

विषय : १. अलसंधर्षण
 २. स्वच्छता अभियान

उपक्रम :
 १. भितीपत्रिका (पोस्टर) तयार करणे स्पर्धा (चित्रकला) वर्ग : ५ वी ते ७ वी नियम :
 १) पोस्टर हे ११ वी १५.५ इंच [A1] साईझ वर असावे.
 २) चित्र कल्पनाचे नसावे.
 ३) चित्र रंगीतवेणी असावे.
 ४) विषयाला सगळ्या बाजूने १ सेमी, वी जागा सोडावी व मॉर्जिन असावा.
 ५) उजव्या बाजूने खाली विद्यार्थ्याचे नाव, वर्ग, शाळेचे नाव टाकणे.

२. निबंध स्पर्धा वर्ग : ८ वी ते १० वी
 नियम :
 १) निबंध हा २५० शब्दांपेक्षा अधिक नसावा.
 २) A4 साईझचा पेपर देण्यात येईल.
 ३) सर्वात वर विद्यार्थ्याचे नाव, वर्ग, शाळेचे नाव, निबंधाचे नाव टाकणे.
 तसे आपल्याला विजिती करण्यात येते कि आपल्या शाळेतील विद्यार्थ्यांनी या उपक्रमाला भाग घ्यावा.
 उपक्रमाला सहभागी होण्या संबंधित माहिती सोबत दिलेली आहे.

पारितोषिके :
भितीपत्रिका (पोस्टर) : ५, ६ व ७ प्रत्येक वर्गातून प्रत्येकी एक
निबंध स्पर्धा : ८, ९ व १० प्रत्येक वर्गातून प्रत्येकी एक

पारितोषिके देण्यात येतील.

Contact :-
 Dr. Deshmukh - 922851253
 Ms. Fadle - 90963127

प्रवीण खोडके मेमोरियल संस्थेत
विनायक विज्ञान महाविद्यालय
 ता. नांदगाव खंडेपूर, जि. अमरावती

दिनांक: ०९ जानेवारी २०२०

प्रति,
 मरुत्पाण्यापाक,
 श्री. रामराव भोयर मरुत्पाण्य (नांदगाव खंडेपूर)

नांदगाव खंडेपूर, अमरावती.

विषय : स्वच्छ भारत अभियान पंधरवडा - भितीपत्रिका (पोस्टर), निबंध स्पर्धे बाबत.

संदर्भ : दि. ०६-०९-२०२०, स्वच्छता पंधरवडा - विश्वविद्यालय अनुदान आयोग व संत गाडगे याबा अमरावती विद्यापीठ तर्फे मिळालेल्या पत्रानुसार

मा. मलेट/ मलेट्या,
 वरील विषयानुसार, आमच्या महाविद्यालयात स्वच्छ भारत अभियान अंतर्गत स्वच्छ भारत अभियान पंधरवडा साजरा करण्यात येत आहे. या अंतर्गत विनायक विज्ञान महाविद्यालयाच्या वतीने विद्यार्थ्यांमधील जागृकतापूर्ण कल्पनांना वाव देण्यासाठी भितीपत्रिका (पोस्टर) स्पर्धा दिनांक २९ जानेवारी २०२० रोजी आयोजित करण्यात आलेली आहे.

तसे आपल्याला विजिती करण्यात येते कि आपल्या शाळेतील विद्यार्थ्यांनी या उपक्रमाला भाग घ्यावा.
 उपक्रमाला सहभागी होण्या संबंधित माहिती सोबत दिलेली आहे.

Dr. Deshmukh
 श्री. विनायक मलेटकर - 8228418930
 श्री. मंगल जाधव

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प्रचारक
श्री. अतक भिसे

प्रवीण खोडके मेमोरियल संस्थेत
विनायक विज्ञान महाविद्यालय
 ता. नांदगाव खंडेपूर, जि. अमरावती

Department of Chemistry / रसायनशास्त्र विभाग
 निबंध स्पर्धा वर्ग : ४ वी ते १० वी

Name of School/शाळेचे नाव _____ Date: दि _____

S.N. क्र.	Name of Student/ विद्यार्थ्याचे नाव	Class/ वर्ग	Signature/ सही
1	अजय श्री मणोतकर	8	S.A. Mankar
2	अमरुत श्री. लयावला	8	Amrutha
3	अश्विन वि. नायकवाड	8	Aswin
4	अनिल व. अनाप	8	Anil
5	आम व. कान्हा	8	Am
6	अरुण अजयनाथ काळे	8	Arjun
7	खलीफा मुरादराव शेठे	8	Khelifa
8	लया अमरावला काडकर	8	Laya
9	तन्वी अविनाश मनकर	8	Tanvi
10	विक्रम एम. अडार	9	Vikram
11	प्राणिक मनोहरराव पवार	9	Pranik
12	विश्व मंगारवराव नाईक	9	Vishw
13	जादव सिकता सुखे	9	Jadhav
14	अंजना राज. शंकर	9	Anjana
15	वीणा लक्ष्मी काडम	9	Veena
16	सुनील सुनीलराव कापूर	9	Sunil
17	प्रेमा अभिनेश्वर अडार	10	Prema
18	पुजा अश्विनराव अडार	10	Puja
19	कैशिका, नवमी. हाथगी	8	Kaishika

Class - 9th

- 1) Shrushti Shandare - clean India
- 2) Nandini Borkar - water conservation
- 3) Sumakanti Pachpor - clean India
- 4) Janvi Chavan - water conservation
- 5) Jatin Thakur - clean India
- 6) Chetan Nighat - water conservation
- 7) Himanshu Budhate - water conservation
- 8) Sejal Vishwakarma - water conservation
- 9) Gayatri Vaidya - water conservation
- 10) Parati Wankar - clean India
- 11) Aditi Phonde - clean India
- 12) Prapti Patil - water conservation
- 13) Shrushti Jain - water conservation
- 14) Rupini Chauhan - water conservation
- 15) Aditi Dalvi - clean India
- 16) R

Class - 8th

- 1) Pooja Jadhav - clean India
- 2) Anika Sheth - clean India
- 3) Jyoti Patil - clean India
- 4) Shrawan Sonane - water conservation
- 5) Kaushik Sonane - clean India
- 6) Aniket Poojara - water conservation
- 7) Manish Wankar - water conservation
- 8) Pooja Patil - water conservation
- 9) Shachi Shewar - water conservation
- 10) Sidhesh Shewar - clean India

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

12) Mayuri ~~T~~ Tapat - clean India
 13) Sanjama Golait - clean India
 14) Mandula Dhatorede - clean India
 15) Sanskruti Nirmal - clean India
 16) Shanyu Sawalake - clean India
 17) Sejal Kapsale - clean India
 18) Anuska Dalk - water conservation
 19) Tanishree Pawar - water conservation
 20) Adnan Khan - clean India

1) Revati G. Bhasme Revate
 2) Prapti R. Patil Prapti
 3) Shrushti N. Khundar Shrushti
 4) Anandini R. Borkekar Anandini
 5) Aditi S. Phande Aditi
 6) Gayatri U. Vilayalkar Gayatri
 7) Aditi S. Dalvi Aditi
 8) Smriti P. Jain Smriti
 9) Jashvi R. Chavhan Jashvi
 10) Sanskruti R. Pachpor Sanskruti
 11) Janvi S. Hiwamale Janvi
 12) Pranjal P. Vishwakarma Pranjal
 13) Ragini M. Chaudhari Ragini
 14) Sejal B. Vishwakarma Sejal
 15) Vaishali Vaishali
 16) Vaidehi V. Kache Vaidehi

Inter college Competition on 'Best out of Waste'

(23rd January 2020)

To inculcate in the young mind of students of waste management technique and inter collegiate Best out Of Waste competition were organized by Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar on 23rd January 2020. Dr. Suchita Khodke was assigned as coordinator and Dr. Prashant B. Kharat as co-coordinator. On this occasion, Dr. Alka Bhise was encouraging students for their innovative ideas of 'Best out of waste'.

Vinayak Vidnyan Mahavidyalaya was actively taken efforts to aware this competition and circulated the notification in the various colleges and institutions in the Amravati district. The nominations to participate in the competition with their prepared models were called and the competition was held on 23rd January 2020. For district level Best Out Of Waste competition, there are 122 (one hundred twenty-two) students with 68 (sixty eight) useful models/items made up from the waste items various colleges and institutions in the Amravati district was registered all participants were remains present for the competition on 23rd January 2020.

Exhibition of the various models presented by the students was inaugurated by the principal of the Vinayak Vidnyan Mahavidyalaya on 23rd January 2020 at 10:00 in the morning. After the inauguration exhibition was open to all students & visitors from 11:00 am to 03:00 pm and meanwhile, evaluation of the models/items made up from the waste items also carried out by the referees of the competition. Lastly during the valedictory function winners were announced and honored by the principal and the guest of the valedictory function.

❖ Referee for the competition

S.N.	Name of Judge	Designation
1	Dr. Shrikant R. Warekar	Assistant Professor, Department Environment Science, New A.S.C. College, Kiran Nagar Amravati.
2	Dr. Anant S. Wadatkar	Assistant Professor, Department of Physics, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

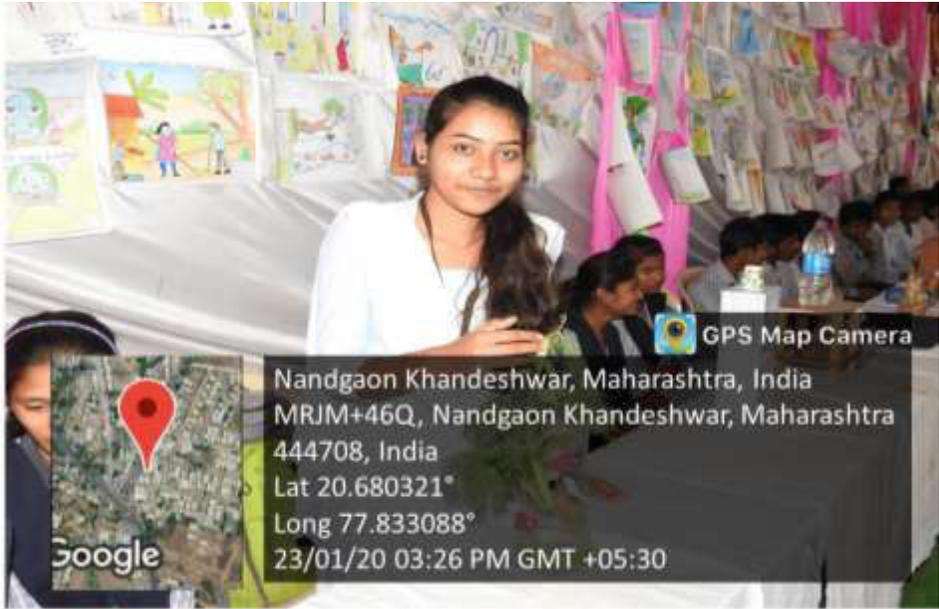


Image: presentation of models and evaluation by referees during Competition 'Best out of waste'

❖ Winners of the competition

Rank	Name of Participants	College of Participants
1 st	Ms. Aarati Pradiprao Bramhanwade	Vinayak Vidnyan Mahavidyalay, Nandgaon Khandeshwar.
2 nd	Mr. Mohan Anil Bitle Mr. Chetan Dadarao Hambarde	Shivaji Shikshan Sanstha Junior College, Nandgaon Khandeshwar
3 rd	Shivani Rajkumar Anturkar	Shivaji Shikshan Sanstha Junior College, Nandgaon Khandeshwar
3 rd	Mr. Arpit Ratnakar Belsare	Vinayak Vidnyan Mahavidyalay, Nandgaon Khandeshwar.

Poster Competitions on Environment Conservation

(24th January 2020)

Department of Botany, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar had organized poster competition under the title of Environment conservation for the senior college students. Mr. Shilanand V. Hiwarale assigned as Co-coordinator.

The competition was inaugurated by the hands of Principal Dr. Alka Bhise, Vinayak Vidnyan Mahavidyalaya and Dr. Shrikant Warhekar Arts, commerce and science college, Amravati on 24th January 2020 at 10:00 am at Yogini Hall. Posters were judged by referee and winners were announced and honored by the principal and the guest of the valedictory function.

Name of Activity	Poster competition
Co-coordinator	Mr. S. V. Hiwarale
Topic	Environment Conservation
Objective	To know the problems on the earth like different pollutions, Scarcity of water and the solutions like culture of cleanliness, healthiness of earth.
College Name	Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.
No. of students participated	79
No. of posters received from students	67

Judges for Poster Competition

S.N.	Name of Judge	Designation
1	Dr. Pratibha S. Mahalle	Assistant Professor, Department of Zoology, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.
2	Dr. Kavita P. Kakade	Assistant Professor, Department of Botany, Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

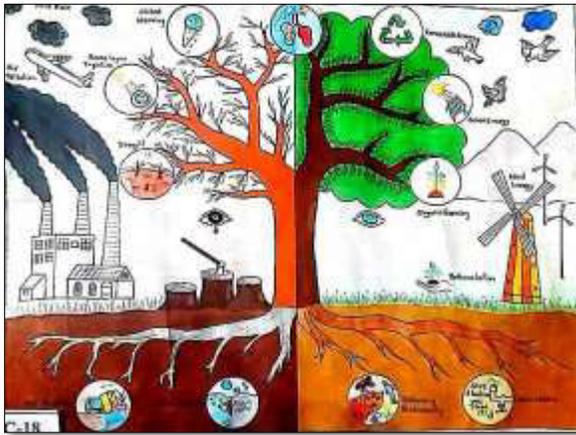


Image: participants and their posters & evaluation presented in the Competitions

Winners of competition:

Rank	Score Out of (20)	Name of Participants	College of Participants
1 st	15	Lokesh Dipak Marotkar	Vinayak Vidnyan Mahavidyalay, Nandgaon Kh.
2 nd	14	Saurabh Sudhakar Rao Zopate	Vinayak Vidnyan Mahavidyalay, Nandgaon Kh.
3 rd	13	Jaya Uddhavrao Bhongare Divya Sharadrao Dhage	Vinayak Vidnyan Mahavidyalay, Nandgaon Kh.

SAY NO TO SINGLE USE of PLASTIC

Awareness Campaigning Regarding Cleanliness Thorough Road Show, Nukkad Natak, Songs, Poems, Display Of Banner

(25th January 2020)

On 25th January 2020 College arranged a rally regarding awareness about cleanliness. During the rally students displayed various types of banners and posters on waste management and cleanliness. The rally and covered most of the areas in the village. Students also presented Nukkad Natak “*Swachh Gaon Swachh Bharat*” at various roundabouts to make aware common villagers regarding cleanliness. Prof. Rajiv Tayde wrote the script Nukkad Natak. Dr. Gajendrashing Pachlore provided the rhythm for the parodies in the Nukkad Natak. Dr. Shyam Dalvi observed and maintained the discipline during the rally and Nukkad Natak. All the faculties from the college were also actively participated in the event.



Image: Students performing Nukkad Natak during the rally at roundabouts

Wall Painting in Nandgaon (Kha.) Village

(28th January 2020)

On 28th January 2020, Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar were organized activity under swachhata pakhawada – 2020 to painting the dirty walls of Bus Stand, Nagar Panchayat, Offices, etc. of the Nandgaon Khandeshwar. students were participated and painted walls with various slogans and awareness message regarding clean city and Swachha Bharat Abhiyan.



Image: Students while painting wall in the Nandgaon (Kha.) village.

Survey Report: - Gram Swachata

(30th - 31st January 2020)

The Swachh Bharat Abhiyan, launched on 02.10.2014 across the country as a national movement, is the most significant cleanliness campaign by the Government of India. According to the Government, a clean India would be the best tribute India could pay to Mahatma Gandhi on his 150 birth anniversary in 2019. The Government's mantra is "Na Gandagi Kareng, Na Karne Denge." By inviting people to participate in the drive, the Swachhta Abhiyan has turned into a National Movement. A sense of responsibility has been evoked among the people through the Clean India Movement. The citizens are now becoming active participants in cleanliness activities across the nation; the dream of a 'Clean India' once seen by Mahatma Gandhi has begun to get a shape.

Department of Commerce, Vinayak Vidnyan Mahavidyalaya , Nandgaon Khandeshwar took the initiative for creating the awareness amongst the local population of Nandgaon khandeshwar by conducting the survey on Gram Swachata . B.Com. First year student actively participate in this activity. Students conducted this survey under the guidance of Dr. Prafullkumar Tayade & Dr. Dashrath Kale . The groups of students visited to various area of Nandgaon Khandeshar for conducting the survey. Following six factor was to be focused during the survey

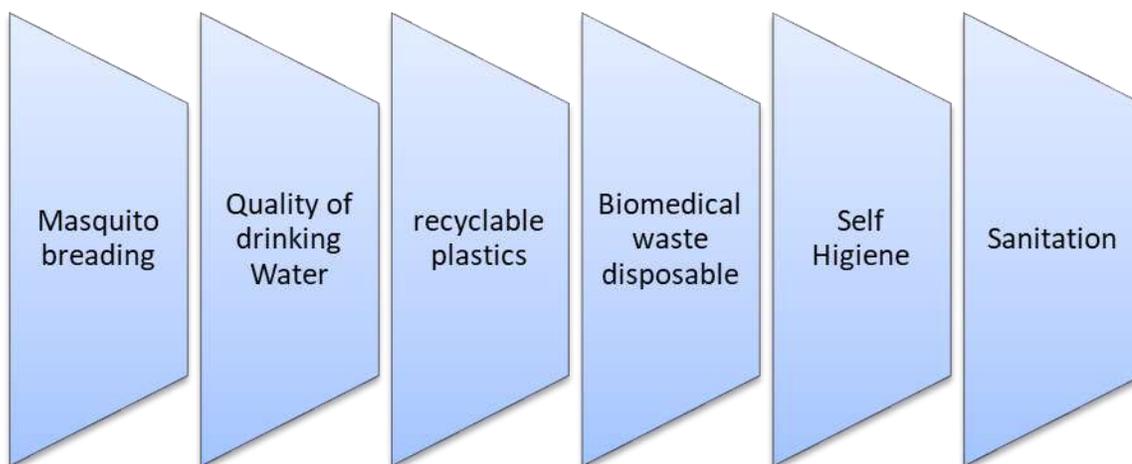


Image: Six major areas was to be focused during the survey

In the survey primary data has considered. Primary data were collected through structured questionnaire and personal interaction with local people. 100 people of Nandgaon khandeswar was to be taken as a sample size. Non probable convenient sample technique was used for data collection.

On the basis of this survey student came to know that Most of the population was very casual about the cleanness and self-hygiene factor and also not aware about the several disease and hazardous from the casualness about cleanness and self-hygiene.



Image: Students while doing survey in the Nandgaon (Kha.) village.

Vrukshdindi Rally On 25/07/2018





पुण्य नगरी

वृक्षदिंडीने नांदगाव खंडेश्वर दुमदुमले

विनायक विज्ञान महाविद्यालयाचा उपक्रम

नांदगाव खंडेश्वर
दि. २८ (ता. लुका प्रतिनिधी)

विनायक विज्ञान महाविद्यालयाच्या राष्ट्रीय सेवा योजना व ग्रीन आर्मी क्लबच्या वतीने शुक्रवारी काढण्यात आलेल्या वृक्षदिंडी संपूर्ण नांदगावनगरी दुमदुमली.

तहसील कार्यालय येथून निघालेल्या या वृक्षदिंडीचा शुभारंभ पोलीस निरीक्षक मेहेते व नायब तहसीलदार मोरे यांच्या हस्ते करण्यात आला. टाळ व घोषणांच्या गजरात निघालेल्या या दिंडीत '१३ कोटी वृक्ष लाऊया, आमला महाराष्ट्र हरित कराया', 'वृक्ष लावा, वृक्ष जगवा',

अशा अनेक घोषणा देण्यात आल्या. या वृक्ष दिंडीला नांदगाव येथील एकलव्य प्राथमरी स्कूल तसेच कला महाविद्यालय नांदगाव खंडे, यांना सहभाग करण्यात आले होते.

येथील नागराध्यक्ष संजय पोफळे, नायब तहसीलदार मोरे, कला महाविद्यालयाच्या प्राचार्या प्रा. डॉ. शारदा गावंडे, विनायक विज्ञान महाविद्यालयाच्या प्राचार्या प्रा. डॉ.

सुचिता खोडके तसेच उपस्थितांचे झाडांची रोपे देऊन सन्मान करण्यात आला. महाविद्यालयाच्या वतीने ४० वृक्ष रोपट्यांचे गावातून वाटप करण्यात आले. २५ रोपटी रासेयो स्वयंसेवक व महाविद्यालयीन विद्यार्थी यांना देण्यात आले.

कार्यक्रमासाठी महाविद्यालयातील प्रा. भारती राणे, प्रा. शांतल मारोटकर, प्रा. भारती धानोरकर, प्रा. चौधरी, प्रा. डॉ. प्रफुल्ल तावडे तसेच रासेयो स्वयंसेवक पायल भुसे, अंकिता गुल्हाने, मांजुळा इंगोले, गायत्री माहावी तसेच ढवळे, सुदर्शन धारणे, चाकोब शहा, तेजस पाटील यांनी परिश्रम घेतले.

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Swachha Bharat Abhiyan 2018-19

You tube link: <https://youtu.be/o-bbBTbxarQ>



Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.



पुण्य नगरी
 शुक्रवार, २६ ऑक्टोबर २०१८ अमरावती

‘स्वच्छता हीच सेवा’ अभियानांतर्गत विद्यार्थ्यांची जनजागृती

विनायक विद्यान महाविद्यालयाचा उपक्रम
 पुण्य नगरी / लोकसत्ता प्रतिनिधी

पुण्यनगरात स्वच्छता हीच सेवा अन्वयेत विनायक विद्यान महाविद्यालयाच्या विद्यार्थ्यांनी सक्रिय सहभाग घेतला.

पुण्य नगरी फोर्टीयावरील प्रशासकीय-नगरपालिका प्रमुख अखिशी डॉ. जयंत बडतकर (सोबित, वैभव अमर, १), किरण मोरे आदी उपस्थित होते. या ऑनलाईन जाहीर सत्राच्या मार्गदर्शकता अर्थियान पार पाडले. या उपक्रमाबाबत प्राचार्य डॉ. सुविता सोडके यांनी विद्यार्थ्यांचे आभार केली.

सुविता मोरे, आनंद बडतकर, वैभव सोडके, गोपाल सुभितकर, अशिता गुजराते, स्वाती कडवतकर, लक्ष्मण शहा, प्रिंटा इतनकर यांनी परिचय केले.

विद्यार्थ्यांच्या सहभागातून स्वच्छता हीच सेवा हीच सेवा अन्वयेत विनायक विद्यान महाविद्यालयाच्या विद्यार्थ्यांनी सक्रिय सहभाग घेतला.

पुण्यनगरपालिका नगरपालिका अन्वयेत जाहीर सत्रात डॉ. जयंत बडतकर, डॉ. सुविता सोडके, डॉ. सुविता सोडके यांनी विद्यार्थ्यांचे आभार केली.

पुण्यनगरपालिका नगरपालिका अन्वयेत जाहीर सत्रात डॉ. जयंत बडतकर, डॉ. सुविता सोडके, डॉ. सुविता सोडके यांनी विद्यार्थ्यांचे आभार केली.

Save Soil Campaigning

Save Soil Campaign by Vinayak Vidnyan Mahavidyalaya Nandgaon khandeswar Dist- Amravati

<https://www.youtube.com/watch?v=4aoaRL-6OUA>

Report on
Save Soil Campaigning
Date: 22 April 2022

Green Army Club, Vinayak Vidnyan Mahavidyalaya, Nandgaon (Khandeswar), Dist. Amravati has organized the 'Save soil Campaigning' on the occasion of 'World Earth Day' for awareness about the soil importance and its value among the students and local people.

Healthy soils are essential for healthy plant growth, human nutrition, and water filtration. Healthy soil supports a landscape that is more resilient to the impacts of drought, flood, or fire. Soil helps to regulate the Earth's climate and stores more carbon than all of the world's forests combined, despite of, in a competition of global economic in developed and developing countries soil pollution is a major problem. In a last few decades soil pollution is a countable global problem now.

To sensitize the issue, 'Green Army Club' organized the program and released the awareness video on YouTube platform (<https://youtu.be/4aoaRL-6OUA>) created by Vinayak Vidnyan Mahavidyalaya team.

For the successes of campaigning it was a great support by Dr. Alka Bhisre, Principal, Vinayak Vidnyan Mahavidyalaya. Idea and thought person of the drive was Dr. Suchita Khodke, Head Dept. of Botany and IQAC coordinator. It was a great work by technical team Dr. Gajendrasingh Pachore, Mr. Anand Hivrale, Mr. Subodh Bansod, Dr. Swapnil Tirkhede, Mr. Ajay Ambhore, Dr. Pratiksha Mahalle and Dr. Kavita Kakade, Green Army Club officials and students of the college.



Workshop on Ecofriendly Holi Colours



Cleanliness Drive at Bembda River



Drawing Competition on Energy Conservation



Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon (Kh), Dist.: Amravati

Green Army Club
Celebrates
National Energy Conservation
Day :14th December 2020

Drawing Competition

Register here
<https://forms.gle/CBqbcRLSGJmDWiGts>

Get Participation Certificate & exciting cash Prizes

Win Exciting cash Prizes

About Competition

Every year Government Of India celebrates 14th December as National Energy Conservation day. The idea is to create awareness among the citizen towards more non-Conventional energy sources and also to decrease the use of traditional energy sources of electricity. The Green Army take this day as an opportunity to create awareness among the students towards green energy sources.

Rules of Competition

- Drawing should be Original
- Use of Water color, pencil color and sketch pens is allowed
- The drawing should be drawn on A4 size paper and not smaller or Bigger than A4
- Submission of Drawing must be through google form in JPEG format , no other method of submission will be entertained
- The drawing can be submitted till 18th December 2020
- Result will be declare after 20th December 2020

Principal
Dr Alka Bhise

Organizing Committee

Convener
Dr Suchita Khodke

Co-Convener
Dr Gajendrasingh Pachlore

Organizing Secretary
Mr. Shilpanand Hiwrale

ग्रीन आर्मी क्लब आणि विनायक विज्ञान महाविद्यालय नांदगाव खंडेश्वर द्वारा राष्ट्रीय ऊर्जा संरक्षण दिन साजरा



अमरावती दि. २२ : १४ डिसेंबर हा दिवस संपूर्ण भारतभर राष्ट्रीय ऊर्जा संवर्धन दिन म्हणून साजरा केला जातो. या उत्सवामागील कल्पना अशी आहे की लोकांना वीज आणि ऊर्जा स्रोतांच्या संवर्धनाविषयी जागरूक करणे होय. विनायक महाविद्यालय नांदगाव खंडेश्वर हे महाविद्यालय ग्रामीण भागात जागरूकता मोहिमेचा प्रचार करण्यासाठी पुढाकार घेत आहे. महाविद्यालयाने नेहमीच आजूबाजूच्या ग्रामीण भागातील विद्यार्थ्यांना महाविद्यालयात राबविल्या जाणाऱ्या विविध कार्यक्रमांमधून प्रोत्साहन मिळवला हवे आणि ज्ञान मिळावे असे कार्यक्रम राबविले आहे. याच धर्तीवर नुकताच

ग्रीन आर्मी क्लबने यूजी आणि पीजी वर्गातील विद्यार्थ्यांसाठी चित्रकला स्पर्धा आयोजित करून राष्ट्रीय ऊर्जा संवर्धन दिन साजरा केला. स्पर्धेचे नियम कॅनव्हासवर नाविन्यपूर्ण कल्पना घेऊन वेण्यास प्रोत्साहित करणारे होते. सध्या कोविड च्या पार्श्वभूमीवर कलेज विद्यार्थ्यांसाठी खुले नसल्यामुळे गुगल फॉर्मद्वारे एन्री मागविण्यात आल्या. विविध महाविद्यालयकडून मोठा प्रतिसाद मिळाला आणि महाविद्यालयाला शंभराहून अधिक नोंदी प्राप्त झाल्या यातील तीन विजेत्या व एक सांत्वन बर्डीस निवडले गेले. या संपूर्ण कार्यक्रमास महाविद्यालयाच्या प्राचार्य डॉ. अलका भिसे यांनी पाठिंबा दर्शविला आणि त्यांनी समितीच्या

सदस्यांना कार्यक्रम आयोजित करण्यास प्रवृत्त केले. आयक्यूअेसी समन्वयक डॉ. सुचिता खोडके यांनी चित्रकला स्पर्धा आयोजित करण्याची सूचना केली. ज्यामुळे सहभागींना कॅनव्हासवर आपले विचार रंगविण्याची संधी मिळाली. ग्रीन आर्मी क्लबच्या सदस्यांनी हा कार्यक्रम आयोजित करण्यासाठी परिश्रम घेतले. प्रा. शिलानंद हिंकराळे, प्रा. डॉ. गजेंद्रसिंह पचलारे यांनी सर्व स्पर्धकांचा वाढपुरावा घेतला व कार्यक्रम यशस्वी केला. अमरावतीमधील काही व्यावसायिक

कलाकारांकडून या नोंदीचा न्यायनिवाडा करण्यात आला आणि अंतिम निकाल देण्यात आला. विनायक विज्ञान महाविद्यालयाच्या बी.एस.सी. गणित ग्रुपच्या नंदिनी कणसे हिने प्रथम बक्षिस मिळविले. किरण कांबळे हिने दुसरे तर तिसरे पारितोषिक लोकेश मारतेकर यांना देण्यात आले. आर्ट्स अँड कॉमर्स कॉलेज, वरवट बकाल, शेगाव येथील वैष्णवी वाखरे यांना सांत्वन पुरस्कार जाहीर करण्यात आला.

अमरावती विभाग नागरी सहकारी बँक

Tree Plantation by NCC Unit Plantation

३ महाराष्ट्र सिग्नल कंपनी, अ.स.सी.ई., अमरावती / 3 Maharashtra Signal Company, N.C.C., Amravati

विद्यार्थी संघ / Student Union

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती उप-यूनिट / Sub-Unit of Shri Shivaji Science College, Amravati

रा. नानदगाव खानदेश्वर, जि. अमरावती

श्री शिवाजी विज्ञान महाविद्यालय, अमरावती उप-यूनिट / Sub-Unit of Shri Shivaji Science College, Amravati

रा. नानदगाव खानदेश्वर, जि. अमरावती

३ महाराष्ट्र सिग्नल कंपनी, अ.स.सी.ई., अमरावती / 3 Maharashtra Signal Company, N.C.C., Amravati

TREE PLANTATION

AT NANNDGAON KHANDESHWAR, DIST. AMRAVATI

17TH NOVEMBER 2020

On 17th November 2020, NCC Cadets of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati (Sub-Unit of Shri Shivaji Science College, Amravati) affiliated to 3 Maharashtra Signal Company NCC, Amravati, has planted over 100 saplings across the Nandgaon Khandeshwar tehsil during the tree plantation drive. The plantation drive aims to increase the Green cover of our country, fight the menace of global warming and create a better environment for the next generation. Despite the lockdown due to the COVID-19 pandemic, the NCC cadets participated enthusiastically in the plantation drive. The spirit of NCC cadets was undeterred as they planted saplings even in their backyards. In this program, college principal Dr. Alka A. Bhise, IQAC Coordinator Dr. Suchita P. Khodke, NCC Coordinator Dr. Prashant B. Kharat, teaching and non-teaching staff, NCC cadets and college students were present.



Photos : NCC Cadets & Coordinator while plantation drive.


Dr. Prashant B. Kharat
NCC Coordinator


Capt. Dr. Nishu H. Patil
Associate NCC Officer


Dr. Alka A. Bhise
Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati
Principal


Lt. Col. M. Singh
3 Maharashtra Signal Company, N.C.C., Amravati
Officer Commanding



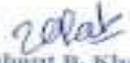

प्रविण खोडके मेमोरियल ट्रस्ट अमरावती द्वारा संचालित
विनायक विज्ञान महाविद्यालय
 ताल. नांदगाव खंडेश्वर, जि. अमरावती
 श्री शिवाजी विज्ञान महाविद्यालय, अमरावतीचे उप-युनिट / Sub-Unit of Shri Shivaji Science College, Amravati
राष्ट्रीय कैडेट कोर / NATIONAL CADET CORPS
 ३ महाराष्ट्र सिग्नल कंपनी, एन. सी. सी., अमरावती / 3 Maharashtra Signal Company, N.C.C., Amravati

TREE PLANTATION
AT NANNDGAON KHANDESHWAR, DIST. AMRAVATI
05TH OCTOBER 2021

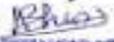
On 05th October 2021, Over 150 saplings were planted by the NCC unit of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati (Sub-Unit of Shri Shivaji Science College, Amravati) affiliated to 3 Maharashtra Signal Company NCC, Amravati, during the tree planting programme in the Nandgaon Khandeshwar tehsil. The plantation effort seeks to boost our nation's green cover, combat the threat of global warming, and improve the environment for the next generation. The NCC cadets gladly took part in the plantation drive despite the lockdown brought on by the COVID-19 outbreak. Even in their backyards, NCC cadets planted seedlings, showing that their spirit was unbowed. In this program, college principal Dr. Alka A. Bhise, IQAC Coordinator Dr. Suchita P. Khodke, NCC Coordinator Dr. Prashant B. Kharat, teaching and non-teaching staff, NCC cadets and college students were present.

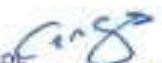


Photos : NCC Cadets while plantation drive.

 **Dr. Prashant B. Kharat**
 NCC Coordinator

 **Capt. Dr. Nalin H. Bansod**
 Associate NCC Officer

 **Dr. Alka A. Bhise**
 Principal
 Vinayak Vidnyan Mahavidyalaya
 Nandgaon Kh. Dist. Amravati

 **Lt Col. S. S. Chavan**
 Officer Commanding
 AMRAVATI

World Earth Day



विद्यया ऽमृतमश्नुते
प्रविण खोऽप्येव जैमोगियात् द्रुत् अमरावती युवा संघारिण

विनायक विज्ञान महाविद्यालय

रा. नांदगाव संडेव्हर, जि. अमरावती

श्री शिवुजी विज्ञान महाविद्यालय, अमरावतीचे उप-युनिट / Sub-Unit of Shri Shivaji Science College, Amravati

राष्ट्रीय कॅडेट कोर / NATIONAL CADET CORPS

३ महाराष्ट्र सिग्नल कंपनी, रा. ना. खं., अमरावती / 3 Maharashtra Signal Company, N.C.C., Amravati

WORLD EARTH DAY

AT NANNDGAON KHANDESHWAR, DIST. AMRAVATI

22ND APRIL 2022

The NCC Unit of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati (Sub-Unit of Shri Shivaji Science College, Amravati) affiliated to 3 Maharashtra Signal Company NCC, Amravati observed Earth Day on 22nd April, 2022. Principal Dr. Alka A. Bhisre, the resource person delivered a speech on "Invest in our Planet," a universal topic chosen for the Earth Day, 2022. She addressed the importance of protecting our planet earth, elaborating on the harmful effects of plastic usage, and the advantages of using renewable resources. She also discussed the duties that each of us can perform on the grounds of energy and fuel consumption for sustainability, encouraging the attendees to promote cycling and carpooling. She further expounded upon the issues of proper waste disposal and the advantages of having a proper drainage system, explaining how every individual has a part to play in the process of bringing about a positive change.

IQAC Coordinator Dr. Suchita P. Khodke also enlightened the cadets and other participants on how Earth Day has been observed for over 50 years around the world, further accentuating on the issues of climate change and increasing pollutants. He motivated the students to know their place and be active participants in college activities, emphasizing on how our little actions can transform into a great deed collectively.

NCC Coordinator Dr. Prashant B. Kharat thanked the resource person for their valuable input and continued briefly about the reason behind the celebration of Earth Day. The function ended with a vote of thanks from CDT. Vaibhav Dhande, NCC Cadet, GSC. Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati. In this program, college principal Dr. Alka A. Bhisre, IQAC Coordinator Dr. Suchita P. Khodke, NCC Coordinator Dr. Prashant B. Kharat, teaching and non-teaching staff, NCC cadets and college students were present.



Photos : NCC Cadets & Coordinator while celebrating world earth day.


 Dr. Prashant B. Kharat
NCC Coordinator


 Capt. Dr. Nisha H. Bansod
Associate NCC Officer


 Dr. Alka A. Bhisre
Principal
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh., Dist. Amravati


 Lt Col. M. K. Kulkarni
Officer Commanding
3 Maharashtra Signal Company
N.C.C., Amravati

World Environment Day




३ महाराष्ट्र सिग्नल कंपनी, अमरावती / 3 Maharashtra Signal Company, N.C.C., Amravati
 प्राविण खोडके मेमोरियल ट्रस्ट अमरावती द्वारा संघालित
विनायक विज्ञान महाविद्यालय
 ता. नान्दगाव खंडेस्वर, जि. अमरावती
 श्री शिवाजी विज्ञान महाविद्यालय, अमरावतीचे उप-यूनिट / Sub-Unit of Shri Shivaji Science College, Amravati
राष्ट्रीय कैडेट कोर / NATIONAL CADET CORPS
 ३ महाराष्ट्र सिग्नल कंपनी, अमरावती / 3 Maharashtra Signal Company, N.C.C., Amravati

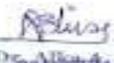
WORLD ENVIRONMENT DAY - 2022
AT NANNDGAON KHANDESHWAR, DIST. AMRAVATI
5TH JUNE 2022

On the occasion of World Environment Day, the NCC Unit of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati (Sub-Unit of Shri Shivaji Science College, Amravati) affiliated to 3 Maharashtra Signal Company NCC, Amravati, has conducted a successful campaign on Environment awareness and NCC Cadets and College Students were guided by Dr. Prashant B. Kharat to raise awareness of rising environmental issues from human overpopulation, marine pollution, global warming, sustainable consumption, and wildlife crime. Also, a tree plantation program was conducted in the surrounding area of the college premises at Tehsil Nandgaon Khandeshwar, Dist. Amravati. In this program, college principal Dr. Alka A. Bhise, IQAC Coordinator Dr. Suchita P. Khodke, NCC Coordinator Dr. Prashant B. Kharat, teaching and non-teaching staff, NCC cadets and a large number of students were also present on occasion and actively participated.



Photos : NCC Cadets & Coordinator during tree plantation program on World Environment Day.






Dr. Prashant B. Kharat Capt. Dr. Nitin B. Bansod Dr. Alka A. Bhise Lt. Col. S. S. Chougale
 NCC Coordinator Associate NCC Officer Principal Officer Commanding

Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh. Dist. Amravati

World Ocean Day

३ महाराष्ट्र सिग्नल कंपनी, १९८, १०, सी., अमरावती / ३ Maharashtra Signal Company, N.C.C., Amravati

विद्यार्थी संघाच्या वतीने आयोजित

प्रतिष्ठेच्या मेमोरियल ट्रस्ट अमरावती द्वारा संचालित

विनायक विज्ञान महाविद्यालय

गा. नान्दगाव खंडेश्वर, जि. अमरावती

श्री शिवजी विज्ञान महाविद्यालय, अमरावतीचे उप-युनिट / Sub-Unit of Shri Shivaji Science College, Amravati

राष्ट्रीय कैडेट कोर / NATIONAL CADET CORPS

WORLD OCEANS DAY - 2022

AT NANNDGAON KHANDESHWAR, DIST. AMRAVATI

8TH JUNE 2022

NCC launched Puneet Sagar Abhiyan to clean Sea Shores/Beaches and other water bodies, including rivers & lakes, of plastic & other waste and increase awareness amongst the local population about the importance of keeping the beaches and river fronts clean. The purpose of the Abhiyan is to educate locals and sensitize them about 'Swachh Bharat'.

In this light on the occasion of World Oceans Day on 8th June 2022 under Puneet Sagar Abhiyan, the NCC Unit of Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati (Sub-Unit of Shri Shivaji Science College, Amravati) affiliated to 3 Maharashtra Signal Company NCC, Amravati has conducted river fronts clean including plastic collection at the riverside of Bembla river flowing from Nandgaon Khandeshwar tehsil. Dr. Prashant B. Kharat has explained to the NCC cadets how destroys the ecology of Sea Shores/Beaches and other water bodies including rivers & lakes due to plastic & other waste. Cadets are also advised not to spread plastic & other waste whenever they visit Sea Shores/Beaches and other water bodies including rivers & lakes. In this program, college principal Dr. Alka A. Bhise, IQAC Coordinator Dr. Suchita P. Khodke, NCC Coordinator Dr. Prashant B. Kharat, teaching and non-teaching staff, NCC cadets and a large number of students were also present on occasion and actively participated.

Photos : NCC Cadets & Coordinator while cleaning Bembla river and news on World Oceans Day.

Dr. Prashant B. Kharat
NCC Coordinator

Capt. Dr. Nitin H. Bansod
Associate NCC Officer

Dr. Alka A. Bhise
Principal

Dr. Suchita P. Khodke
IQAC Coordinator

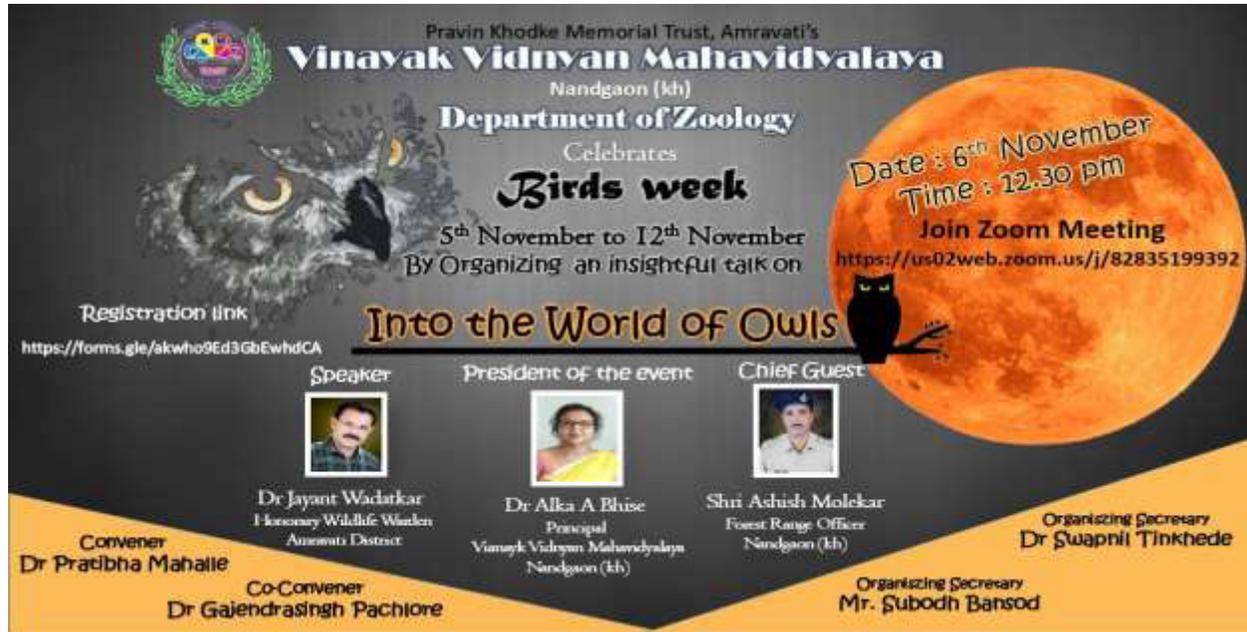
Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Ozone Day Programme Prashnchinha Ashram shala 16-09-2021



Vinayak Vidyan Mahavidyalaya, Nandgaon Kh.

Birds Week 5th Nov. to 12th Nov. 2021



Pravin Khodke Memorial Trust, Amravati's
Vinayak Vidyan Mahavidyalaya
Nandgaon (kh)
Department of Zoology
Celebrates
Birds week
5th November to 12th November
BY Organizing an insightful talk on
Into the World of Owls

Date : 6th November
Time : 12.30 pm
Join Zoom Meeting
<https://us02web.zoom.us/j/82835199392>

Registration link
<https://forms.gle/akwho9Ed3GbEwhdCA>

Speaker	President of the event	Chief Guest
 Dr Jayant Wadkar Hobbyist Wildlife Warden Amravati District	 Dr Alka A Bluse Principal Vinayak Vidyan Mahavidyalaya Nandgaon (kh)	 Shri Ashish Molekar Forest Range Officer Nandgaon (kh)

Convener
Dr Pradibha Mahalle

Co-Convener
Dr Gajendrasingh Pachore

Organizing Secretary
Dr Swapnil Tinkhede

Organizing Secretary
Mr. Subodh Bansod





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याबा.कारिता जादा शिवशाही बसेस आगाऊ आरक्षणकरिता उपलब्ध आहेत. अमरावती राज्य परिवहन यांनी केले आहे.

विनायक विज्ञान महाविद्यालय, नांदगाव खंडेश्वर येथे पक्षी सप्ताहची सुरुवात : घुबडांचे विश्व या विषयावर व्याख्यानाचे आयोजन

अमरावती दि. ७ : विनायक विज्ञान महाविद्यालय, नांदगाव (खं) येथील प्राणीशास्त्र विभागाने नुकतेच आठवडाभर चालणाऱ्या पक्षी सप्ताह उत्सवाचे उद्घाटन केले. महाराष्ट्र सरकारने ५ ते १२ नोव्हेंबर पक्षी सप्ताह म्हणून साजरा करण्याचे जाहीर केले आहे. महाराष्ट्रातील प्रसिद्ध पक्षी तज्ज्ञ मारुती चितमपल्ली आणि जागतिक पातळीचे पक्षी तज्ज्ञ डॉ सलीम अली यांच्या जमदिवसांचे औचित्य साधून हा आठवडा साजरा करणे फारच सुसंगत आहे. महाराष्ट्र पक्षी मित्र संघटना च इतर च-याच संघटनेने पक्ष्यांच्या संवर्धनाचे महत्त्व पटवून देण्याचे प्रयत्न केले आणि सातत्याने पाठपुरावा झाल्याने ५ ते १२ नोव्हेंबर या कालावधीत पक्षी सप्ताह जाहीर झाला. महाराष्ट्रात प्रथमच शाळा, महाविद्यालये च इतर अनेक शैक्षणिक संस्था पक्षी सप्ताह साजरा करीत आहेत. पक्षी संवर्धनाचा स्प्रेड पोहचविणे च त्यांचा प्रसार करणे ही या उत्सवामागील उद्देश आहे. महाराष्ट्र, आंध्र प्रदेश, तेलंगणा, कर्नाटक आणि इतर बऱ्याच राज्यांत सतत औद्योगिकदृष्ट्या वाढ होत आहे तर शहरीकरणही या राज्यांमधील मुख्य चिंता आहे. या वाढत्या लोकसंख्येमुळे पक्ष्यांच्या अधिवासात आणि वस्तीवर प्रचंड दबाव निर्माण होतो. अलिकडच्या वर्षात एकट्या महाराष्ट्रातच सोलापूर जिल्हात नागज च त्याच्या आसपासच्या



परिसरात माळढोक (जीशरी खपळरप डी-मिच) पक्ष्यांच्या संख्येत प्रचंड घट झाली आहे. ही धोक्याची घंटा आहे म्हणून आपण आता पक्षी संवर्धना चा विचार करणे ही काळजी गरज आहे. विनायक विज्ञान महाविद्यालयाने पक्षी सप्तहला वेगळ्या उंचीवर नेले आणि विद्यार्थ्यांना, घुबडांविषयी जागरूक करण्याची संधी निर्माण केली. या रहस्यमय पक्ष्याशी संबंधित अनेक मिथक आणि तथ्य आहेत, म्हणूनच या पक्ष्यापासून जागरूकता मोहीम सुरू करणे अधिक योग्य आहे. महाराष्ट्र पक्षीमित्र संघटनेचे अध्यक्ष डॉ. जयंत बडतकर हे घुबडांच्या अभ्यासावरचे एक प्रख्यात अभ्यासक आहेत. घुबडांच्या सवयी-निवासस्थानावरील त्यांचे विस्तृत ज्ञान त्यांना घुबडां बद्दलच्या माहितीचे विश्वस्तनीय स्रोत बनवते. प्राणिशास्त्र विभागाने डॉ. जयंत बडतकर यांना या विषयावर भाषण करण्यासाठी आमंत्रित केले. पक्षी सप्ताहाच्या कार्यक्रमांमुळे विभागाला ही चर्चा करण्यास प्रेरणा मिळाली, चा कार्यक्रमाच्या अध्यक्षस्थानी डॉ. अलका भिसे, प्राचार्य विनायक विज्ञान महाविद्यालय, नांदगाव (खं) होत्या. शैक्षणिक कार्यांना प्रोत्साहन देण्यासाठी झालेल्या लॉक-डाऊन दिवसात विभागाने घेतलेल्या पुढाकारांचे त्यांनी कौतुक केले, मग ते फुलपाखरू

स्पर्धा असो किंवा जैवविविधता संवर्धनावरील चर्चा असो, डॉ. अलका भिसे म्हणाल्या की, शहराभोवती पक्ष्यांची संख्या कमी होत असल्याचे पाहून खरोखर फार बाईट वाटते. त्यांनी असे मत व्यक्त केले की अशा कार्यक्रमांनी कमीतकमी तरुण पिढीमध्ये संवर्धनाची भावना निर्माण होऊ शकते जेणेकरून आगेच्या नव्या किरणांचा विचार करता येईल. डॉ सुचिता खोडके ह्या देखील या कार्यक्रमास उपस्थित होत्या त्यांनी प्राणीशास्त्र विभागाचे कौतुक केले च या पक्षी सप्ताहा ला त्यांनी आपल्या शुभेच्छा दिल्या. त्यांनी आपल्या भाषणात पक्ष्यांचे महत्त्व पटवून दिले. कार्यक्रमाचे प्रमुख पाहुणे श्री आशिष मोळेकर, रँज फॉरिस्ट ऑफिसर, सामाजिक बनीकरण, नांदगाव (खं) हे होते, त्यांनी पर्यावरणीय व्यवस्थेचे महत्त्व सांगितले. या कार्यक्रमाचे आयोजन करण्यासाठी त्यांनी आयोजक समितीचे सदस्य च संयोजकांचे आभार मानले. झुप मीटिंग फॅक्टफॉर्मवर हा कार्यक्रम झाला आणि वेगवेगळ्या महाविद्यालयातील अनेक विद्यार्थी प्रबुद्ध होण्यासाठी सहभागी झाले. कार्यक्रमाच्या संयोजक डॉ प्रतिभा महल्ले यांनी पक्षी सप्ताहाच्या आयोजने मागील संकल्पना मांडल्या. सुबोध बनसोड यांनी कार्यक्रमाचे सूत्रसंचालन केले, त्त डॉ गजेन्द्रसिंह पचलोर आणि डॉ स्वप्निल यांनी कार्यक्रमाचे तांत्रिक बाबी सांभाळले.

विदर्भ की दहाड

महानगर/ग्रामीण/और**

अमरावती, शुक्रवार, 29 नवंबर 2020 ५

विद्यार्थियों में पक्षियों को लेकर जनजागृति

विनायक विद्या महाविद्यालय की सराहनीय पहल

प्रतिनिधि, २७ नवम्बर अमरावती - प्रवीण खोडके मेमोरियल ट्रस्ट द्वारा संचालित विनायक विज्ञान महाविद्यालय नांदगांव खंडेश्वर अमरावती में प्राणी विज्ञान विभाग ने ५ नवंबर से १२ नवंबर तक पक्षी सप्ताह का आयोजन किया। झुलोजी विभाग ने इस सप्ताह के दौरान विभिन्न ऑनलाइन कार्यक्रम आयोजित किए थे। इसके तहत, प्राणीशास्त्र विभाग ने पक्षियों के बारे में छात्रों को जागरूक करने के उद्देश्य से हमारे आस-पास पक्षियों का एक पोस्टर बनाया था। और यह पोस्टर नांदगांव



खंडेश्वर में वाय.ई.एस नांदगांव खंडेश्वर में जूनियर कॉलेज में दिया गया। कॉलेज के छात्रों को पक्षी के नाम और उनकी जानकारी प्रदान करने के साथसाथ प्रकृति के बारे में छात्रों में जागरूकता पैदा करने के उद्देश्य से आयोजित किया गया था। झुलोजी डिपार्टमेंट प्रमुख प्रा. डॉ.

प्रतिभा महाल्ले द्वारा वाई.ई.एस कॉलेज के हेडमास्टर को सौंपा गया था। इस अवसर पर वाई.ई.एस कॉलेज के प्रोफेसर और कर्मचारी उपस्थित थे। विनायक विज्ञान महाविद्यालय के प्रा. डॉ. गर्जेन्द्रसिंग पचलोरे, प्रा. डॉ. स्वप्निल तिनखेडे, सुबोध बनसोड ये उपस्थित थे।

आप और हम करेंगे....

अमरावती की प्रगति

सांध्य दैनिक

संपादक : अली असगर दवावाला



* वर्ष - 1 * अंक - 267 शुक्रवार, दि.27.11.2020 * पृष्ठ - 12 * किंमत 2 रु. E-mail : paragati.amravati786@gmail.com

नांदगाँव खंडेश्वर में पक्षी सप्ताह मनाया गया

नांदगाँव खंडेश्वर-प्रवीण खोडके मेमोरियल ट्रस्ट द्वारा संचालित विनायक विज्ञान महाविद्यालय नांदगाँव खंडेश्वर अमरावती में प्राणी विज्ञान विभाग ने 5 नवंबर से 12 नवंबर तक पक्षी सप्ताह का आयोजन किया। झुलोजी विभाग ने इस सप्ताह के दौरान विभिन्न ऑनलाइन कार्यक्रम आयोजित किए थे। इसके तहत, प्राणीशास्त्र विभाग ने पक्षियों के बारे में छात्रों को जागरूक करने के उद्देश्य से हमारे आसपास पक्षियों का एक पोस्टर बनाया था। और यह पोस्टर नांदगाँव खंडेश्वर में डॉ. व.र. नांदगाँव खंडेश्वर में जूनियर कॉलेज में दिया गया। कॉलेज के छात्रों को पक्षी के नाम और उनकी जानकारी प्रदान करने



के साथ-साथ प्रकृति के बारे में छात्रों में जागरूकता पैदा करने के उद्देश्य से आयोजित किया गया था। झुलोजी डिपार्टमेंट प्रमुख प्रा.

डॉ. प्रतिभा महाल्ले द्वारा डॉ. व.र. कॉलेज के हेडमास्टर को सौंपा गया था। इस अवसर पर डॉ. व.र. कॉलेज के प्रोफेसर और कर्मचारी

उपस्थित थे। विनायक विज्ञान महाविद्यालय के प्रा. डॉ. गर्जेन्द्रसिंग पचलोरे, प्रा. डॉ. स्वप्निल तिनखेडे, श्री. सुबोध बनसोड ये उपस्थित थे।

नवभारत

विनायक महाविद्यालय में छात्रों को दी जानकारी

प्राणी विज्ञान दिवस मनाया

नवभारत ब्यूरो

अमरावती. प्रवीण खोडके मेमोरियल ट्रस्ट द्वारा संचालित विनायक विज्ञान महाविद्यालय में प्राणी विज्ञान दिवस मनाया गया. प्राणी विज्ञान विभाग ने 5 से 12 नवंबर तक पक्षी सप्ताह का आयोजन किया. झुलाजी विभाग ने इस सप्ताह के दौरान विभिन्न ऑनलाइन कार्यक्रम आयोजित किए थे, इसके तहत प्राणी शास्त्र विभाग ने पक्षियों के बारे में छात्रों को जागरूक करने के उद्देश्य से पक्षियों का एक पोस्टर बनाया. यह पोस्टर नांदगांव खंडेश्वर में वायईएस जूनियर कॉलेज में बांटे गए. कॉलेज के छात्रों को पक्षी के



नाम और उनकी जानकारी प्रदान करने के साथ-साथ प्रकृति के बारे में जागरूकता फैलाने करने के उद्देश्य से आयोजित किया गया. झुलाजी डिपार्टमेंट प्रमुख प्रा. डा. प्रतिभा महाल्ले द्वारा वायईएस कॉलेज के हेड मास्टर

को सौंपा गया. इस अवसर पर कॉलेज के प्राध्यापक और कर्मचारी उपस्थित थे. विनायक विज्ञान महाविद्यालय के प्रा.डा. गजेंद्रसिंह पचलोरे, प्रा. डा. स्वप्निल तिनखेड़े, सुबोध बनसोड़ उपस्थित थे.

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Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Affiliated to Sant Gadge Baba Amravati University, Amravati

NAAC

Criterion-VII

Institutional Values and Best Practices

<https://vinayakmahankh.in> 

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Nandgaon Khandeshwar, Amravati 

CRITERON-VII

7.1 Institutional Values and Social Responsibilities



7.1.3 Quality audits on environment and energy regularly undertaken by the Institution



VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

Sau. Sulbha Sanjay Khodke
(MLA, Amravati)
President, P.K.M Trust, Amt.

College Code: 197, Ph. No. 07221-222245
Email: vvm197@sgbau.ac.in

Dr. Alka Anant Bhise
(Principal)
Mob.9823526341

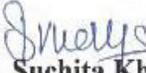
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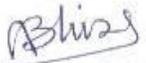
D. 10/05/2023

SELF DECLARATION

This is to certify that, the information, reports, true copies of the supporting documents, numerical data and web links furnished in this file are verified by I.Q.A.C. and head of the Institution and found correct.

Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati





7.1.3 (b) Policy documents on environmental and energy usage certificate from the auditing agency.



Nutan Urja Solutions

A 703, Balaji Witfield, Near Sunni's World,
Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 25/08/2020

CERTIFICATE

This is to certify that we have conducted Green Audit at Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati for the year 2019-20.

The College has already adopted **Green** practices like:

- Installation of Rain Water Harvesting system
- Usage of Energy Efficient LED
- Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Green.

Nutan Urja Solutions,



K G Bhatwadekar,

Certified Energy Auditor,

EA - 22428



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- Installation of Rain Water Harvesting System

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Date:26/09/2018

CERTIFICATE

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Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 26/09/2018

CERTIFICATE

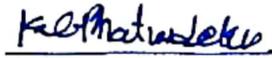
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Report
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At
Pravin Khodke Memorial Trust Amravati's
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(Year 2021-22)



Prepared by
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Acknowledgement

We at Nutan Urja Solutions, Pune, express our sincere gratitude to the management of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar for awarding us the assignment of Green Audit of their college premises.

We are also thankful to various Head of Departments & other Staff members for helping us during the field measurements.

We hope that the recommendations stated in this report will be useful and worthy of discussions to take things forward to help implementation of energy conservation measures and green practices. While we have made every attempt to adhere to high quality standards, in both data collection and analysis through the report, we would welcome your suggestions so as to improve upon this report further.



Executive Summary

Green Audit of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar is conducted by Nutan Urja Solutions, Pune. Based On the audit field study, following important points can be presented.

1. Present Energy Consumption

Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar uses Electrical Energy as the source of Energy for various equipment in the college campus. In the following Table, we present the details of Energy Consumption.

Table no 1: Details of energy consumption

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01

2. Various Measures Adopted for Energy Conservation

1. Usage of LED lights at some indoor locations

3. Rain Water Harvesting

The College has installed the Rainwater harvesting project, to reduce dependency on municipal corporation water supply.

4. Waste Management

The internal communication is through emails and there is hardly any generation of e-Waste in the premises.

5. Notes and Assumptions

1. Daily working hours-10 Nos
2. Annual working Days-250 Nos
3. Average Rate of Electrical Energy : Rs 11/- per kWh



Abbreviations

CFL	:	Compact Fluorescent Lamp
FTL	:	Fluorescent Tube Light
LED	:	Light Emitting Diode
V	:	Voltage
I	:	Current
kW	:	Kilo- Watt
kWh	:	kilo-Watt Hour
kVA	:	Active Power



1. Introduction

Vinayak Vidnyan Mahavidyalaya Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati was established in the year 2007 by the Pravin Khodke Memorial Trust, Amravati with view to boost higher education in the rural area. The college is affiliated to Sant Gadge Baba Amravati University, Amravati. Presently college offers two Under Graduate courses Bachelor of Science with subjects Botany, Zoology, Chemistry, Physics, Mathematics, Computer Science, Electronics and Bachelor of Commerce.

1.1 Objectives

1. To study present level of Energy Consumption
2. To Study the present CO₂ emissions
3. To assess the various equipment/facilities from Energy efficiency aspect
4. To measure various Electrical parameters
5. To study Scope for usage of Renewable Energy
6. To study various measures to reduce the Energy Consumption

1.2 Audit methodology

1. Study of connected load
2. Study of various Electrical parameters
3. To prepare the Report with various Encon measures with payback analysis



2. Study of Electrical Energy Consumption

In this chapter, electricity bills are studied for the analysis of electrical energy consumption.

Table no 2.1: Summary of electricity bills

No	Month	Energy (kWh)	Bill Amount (Rs)
1	Jun-22	272	3480
2	May-22	281	6860
3	Apr-22	259	2,927
4	Mar-22	161	2,046
5	Feb-22	132	1,716
6	Jan-22	278	3,670
7	Dec-21	76	912
8	Nov-21	207	2,588
9	Oct-21	205	2,583
10	Sep-21	216	2,743
11	Aug-21	210	2,688
12	Jul-21	220	2,618
	Total	2,517	34,830

Variation in energy consumption is as follows,



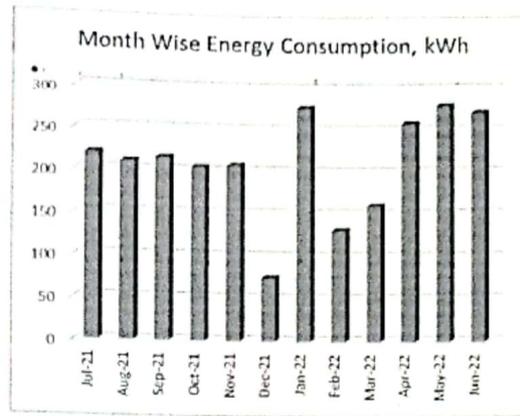


Figure 2.1: Month wise energy consumption

Monthly variation in electricity bill is as follows,

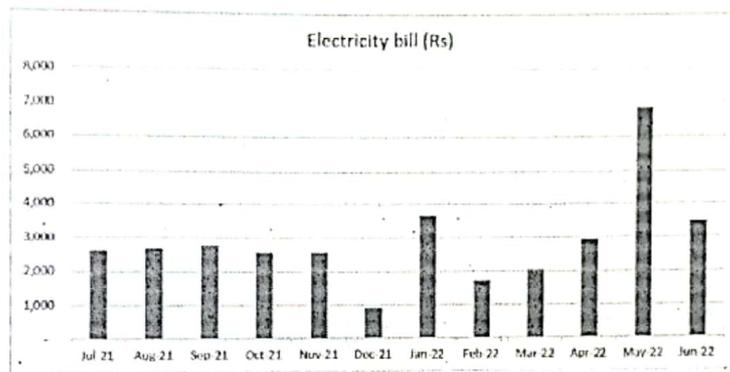


Figure 2.2: Month wise electricity bill

Key observations of electricity bill are as follows,

Table no 2.2: Key observations

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01



3. Carbon Foot printing

1. A **Carbon Foot print** is defined as the Total Greenhouse Gas emissions (CO₂ emissions), emitted due to various activities. In this we compute the emissions of Carbon-Di-Oxide, by usage of the various form of Electrical Energy used by the College for performing its day to day activities

2. Basis for computation of CO₂ Emissions:

The basis of Calculation for CO₂ emissions due to Electrical Energy is as under

- 1 Unit (kWh) of Electrical Energy releases **0.8 Kg of CO₂** into atmosphere.

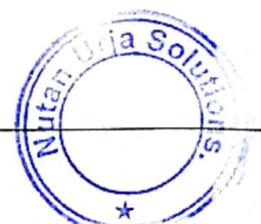
Based on the above Data we compute the CO₂ emissions which are being released in to the atmosphere by the College due to its Day to Day operations

We herewith furnish the details of various forms of Energy consumption as under

Table 3.1: Month wise Consumption of Electrical Energy & CO₂ Emissions

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Jun-22	272	0.22
2	May-22	281	0.22
3	Apr-22	259	0.21
4	Mar-22	161	0.13
5	Feb-22	132	0.11
6	Jan-22	278	0.22
7	Dec-21	76	0.06
8	Nov-21	207	0.17
9	Oct-21	205	0.16
10	Sep-21	216	0.17
11	Aug-21	210	0.17
12	Jul-21	220	0.18
	Total	2,517	2.01

In the following Chart we present the CO₂ emissions due to usage of Electrical Energy.



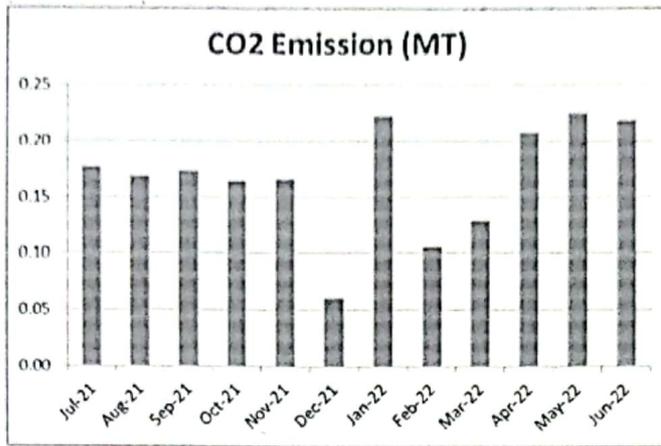


Figure 3.1: Month wise CO2 Emission



4. Study of Rain Water Harvesting

The College has already installed Rain Water Harvesting project, wherein the rain water falling on the terrace is collected and through pipes it is fed to underground Water Storage tank. This stored water is then reused for domestic purpose.



5. Study of Waste Management

5.1 Solid Waste Management

The solid waste collected in college is bifurcated in dry waste and wet waste. The waste is collected and disposed by corporation.

5.2 e-Waste Management

The internal communication is through emails and there is hardly any generation of e-Waste in the premises.



6. Study of Green Practices

6.1 No of students who don't use own Vehicle for coming to Institute

Out of total students coming to Institute, about 60% students use own Automobile.

6.2 Usage of Public Transport

During the Students transport study, it was revealed that the local students who are residing near areas make use of Public Transport like Municipal Transport local buses, local sharing type auto rickshaws. Some students use bicycles. The average number of students is approximately 40 %. Institute encourages students to not to use automobiles.

6.3 Pedestrian Friendly Roads

The Institute has well defined pedestrian foot paths as to facilitate the easy movement of the students within the campus.

6.4 Plastic Free Campus

The Institute is an active participant in the Government of India's most prestigious project of SWATCHH BHART ABHIYAN. The Institute has displayed boards in the Campus, to make the campus plastic free. Various measures adopted for this purpose are as follows

- Installation of Separate waste bins for Dry waste & wet waste
- Usage of paper tea cups in the Institute canteen
- Display of boards in the campus for Plastic Free campus

6.5 Paperless Office

The internal communication of the Institute is through the Internet. There are hardly any day to day operations, where printing is required.



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Prepared by
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Acknowledgement

We at Nutan Urja Solutions, Pune wish to express our sincere gratitude to the management of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar for assigning the work of Environmental Audit of college campus.

We appreciate the co-operation and support extended to our team members during the entire tenure of field study.

We are also thankful to various Head of Departments & other Staff members for helping us during the field measurements.

We are also thankful to all other staff members who helped us during the Measurements at the field and for giving us the necessary inputs to carry out this vital exercise.



Executive Summary

After the Field measurements & analysis, we present herewith important observations made and various measures to reduce the dependency on Natural resources & reduce the pollution.

Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar consumes various resources for day to day operations, namely: Air, Water, Electrical Energy & LPG.

1. Various Pollution due to College Activities:

- Air pollution: Mainly CO₂ on account of Electricity & LPG Consumption
- Solid Waste: Bio degradable Kitchen Waste, Garden Waste
- Liquid Waste: Human liquid waste

2. Present Level of CO₂ Emissions:

Sr no	Parameter	Energy consumed, (Units)	CO ₂ Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01

3. The various projects already implemented for Environmental Conservation:

- Usage of Natural Day light in corridors
- Implementation of Rain Water Harvesting

4. Recommendations:

1. Installation of Bio composting Plant.

5. Notes & Assumptions:

1. 1 kWh of Electrical Energy releases 0.8 Kg of CO₂ into atmosphere
2. 1 kWp Solar PV plant generates 5 kWh/day Electrical Energy for 300 days in an year.



Abbreviations

AC	: Air conditioner
PES	: Progressive Education Society
CFL	: Compact Fluorescent Lamp
FTL	: Fluorescent Tube Light
LED	: Light Emitting Diode
kWh	: kilo-Watt Hour
Qty	: Quantity
W	: Watt
kW	: Kilo Watt
PF	: Power Factor
MD	: Maximum Demand
PC	: Personal Computer
MSEDCL	: Maharashtra State Electricity Distribution Company Ltd



1. Introduction

1.1 Important Definitions:

1.1.1 Environment: Definition as per environment Protection Act: 1986

Environment includes water, air and land and the inter-relationship which exists among and between Water, Air, Land and Human beings, other living creatures, plants microorganism and property

1.1.2. Environmental Audit: Definition:

An audit which aims at verification and validation to ensure that various environmental laws are compiled with and adequate care has been taken towards environmental protection and preservation

According to UNEP, 1990, "Environmental audit can be defined as a management tool comprising systematic, documented and periodic evaluation of how well environmental organization management and equipment are performing with an aim of helping to regularize the environment"

1.1.3. Environmental Pollutant: means any solid, liquid and gaseous substance present in the concentration as may be, or tend to be, injurious to Environment.

1.1.4. Relevant Environmental Laws in India: Table No-1:

1927	The Indian Forest Act
1972	The Wildlife Protection Act
1974	The Water (Prevention and Control of Pollution) Act
1977	The Water (Prevention & Control of Pollution) Cess Act
1980	The Forest (Conservation) Act
1981	The Air (Prevention and Control of Pollution) Act
1986	The Environment Protection Act
1991	The Public Liability Insurance Act
2002	The Biological Diversity Act
2010	The National Green Tribunal Act

1.1.5. Some Important Environmental Rules in India: Table No-2:

1989	Hazardous Waste (Management and Handling) Rules
1989	Manufacture, Storage and Import of Hazardous Chemical Rules
2000	Municipal Solid Waste (Management and Handling) Rules
1998	The Biomedical Waste (Management and Handling) Rules
1999	The Environment (Siting for Industrial Projects) Rules
2000	Noise Pollution (Regulation and Control) Rules
2000	Ozone Depleting Substances (Regulation and Control) Rules



2011	E-waste (Management and Handling) Rules
2011	National Green Tribunal (Practices and Procedure) Rules
2011	Plastic Waste (Management and Handling) Rules

1.1.6 National Environmental Plans & Policy Documents: Table No-3:

1.	National Forest Policy, 1988
2.	National Water Policy, 2002
3.	National Environment Policy or NEP (2006)
4.	National Conservation Strategy and Policy Statement on Environment and Development, 1992
5.	Policy Statement for Abatement of Pollution (1992)
6.	National Action Plan on Climate Change
7.	Vision Statement on Environment and Human Health
8.	Technology Vision 2030 (The Energy Research Institute)
9.	Addressing Energy Security and Climate Change (MoEF and Bureau of Energy Efficiency)
10.	The Road to Copenhagen; India's Position on Climate Change Issues (MoEF)

1.2 Objectives

1. To study present usage of Natural resources the College is consuming
2. To Study the present pollution sources
3. To study various measures to make the campus Self sustainable in respect of Natural resources
4. To suggest the various measures to reduce the pollution: Air, Water, Noise

1.3 Audit Methodology:

1. Study of College as System
2. Study of Electrical Energy Consumption
3. Study of CO2 emissions
4. Suggestions on usage of Renewable Energy

1.4 General Details of College

No	Head	Particulars
1	Name of Institution	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
2	Address	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati 444 708.
3	Affiliation	Sant Gadge Baba Amravati University, Amravati



2. Study of Consumption of Various Resources

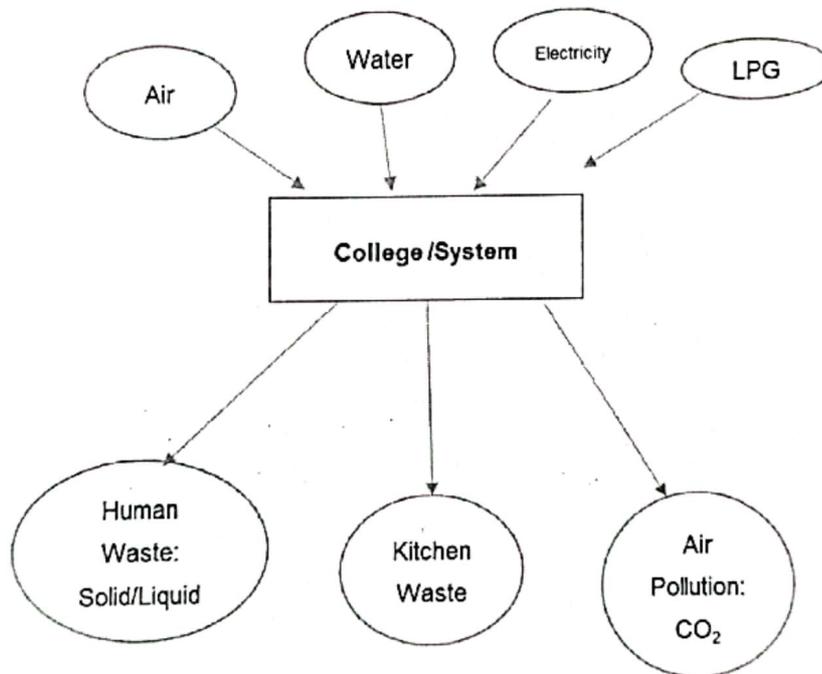
The Institute consumes following basic/derived Resources:

1. Air
2. Water
3. Electrical Energy
4. Liquefied Petroleum Gas

Also, college emits following pollutants to environment

1. Human Waste: Solid/ Liquid
2. Kitchen waste
3. Air pollution

We try to draw a schematic diagram for the College System & Environment as under.



Now we compute the Generation of CO₂ on account of consumption of Electrical Energy & LPG as under.

The calculation of electrical energy consumption by college can be given as,

Table 2.1: Electrical Energy Consumption

No	Month	Energy (kWh)
1	Jun-22	272
2	May-22	281
3	Apr-22	259
4	Mar-22	161
5	Feb-22	132
6	Jan-22	278
7	Dec-21	76
8	Nov-21	207
9	Oct-21	205
10	Sep-21	216
11	Aug-21	210
12	Jul-21	220
	Total	2,517
	Maximum	281
	Minimum	76
	Average	210

2.1 Variation of Monthly Electrical Energy Consumption

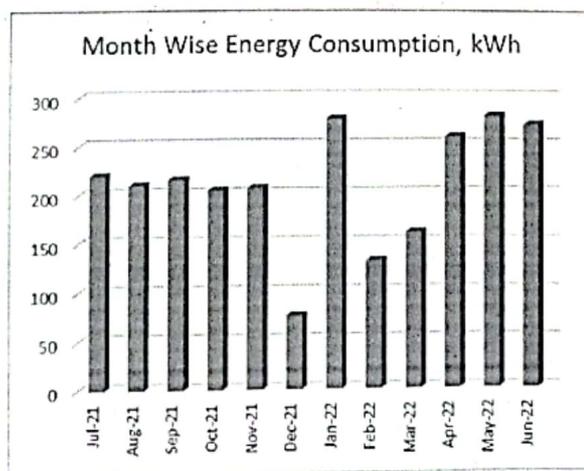


Figure 2.1 : Monthly Electrical Energy Consumption



2.2 Key Inference drawn

... From the above analysis, we present following important parameters:

Table 2.2: Variation in Important Parameters

No	Parameter/ Value	Energy Consumed, kWh
1	Maximum	281
2	Minimum	76
3	Average	210
4	Total	2571



3. Study of Environmental Pollution

In this Chapter, we present the various types of Pollution as under:

3.1 Air Pollution

The College is using two forms of Energies, namely: Thermal in the form of LPG and Electrical Energy used for day to day operations of the College. The major pollutant on account of above Energy forms is the Carbon Di Oxide.

- 1 unit (kWh) of Electrical Energy emits 0.8 Kg of CO₂ in the atmosphere
- 1 Kg of LPG emits 3 Kg of CO₂ in the atmosphere

In the following Table, we present the CO₂ emissions.

Table 3.1: Month wise Consumption of Electrical Energy & CO₂ Emissions:

No	Month	Energy Consumed, kWh	CO2 Emissions, MT
1	Jun-22	272	0.22
2	May-22	281	0.22
3	Apr-22	259	0.21
4	Mar-22	161	0.13
5	Feb-22	132	0.11
6	Jan-22	278	0.22
7	Dec-21	76	0.06
8	Nov-21	207	0.17
9	Oct-21	205	0.16
10	Sep-21	216	0.17
11	Aug-21	210	0.17
12	Jul-21	220	0.18
	Total	2,517	2.01
	Maximum	281	0.22
	Minimum	76	0.06
	Average	210	0.17



In the following Chart we present the CO2 emissions due to usage of Electrical Energy.

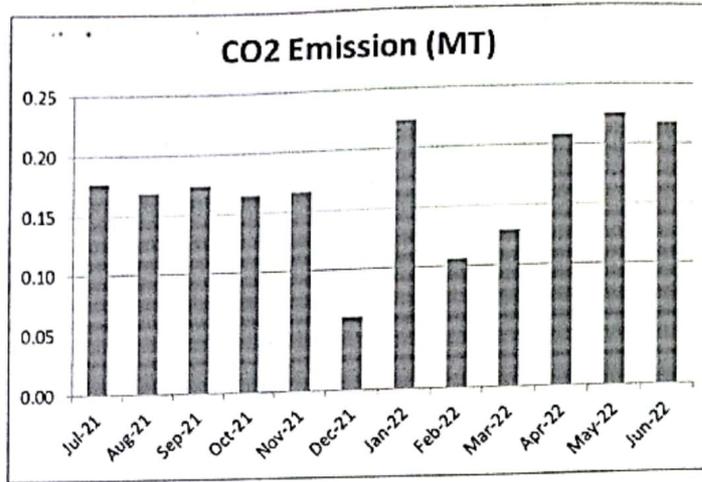


Figure 3.1: CO2 emission due to usage of electrical energy.

3.2 Study of Solid Waste Generation

The solid waste collected in college is bifurcated in dry waste and wet waste. The waste is collected and disposed by corporation.

3.3 Study of Liquid Waste Generation

At present the Liquid Waste generated due to day to day operations is drained off to the municipal Corporation through a pipe.

3.4 Study of e-Waste Management:

The internal communication is through emails and there is hardly any generation of e-Waste in the premises.



4. Study of Rain Water Harvesting

The College has already installed Rain Water Harvesting project, wherein the rain water falling on the terrace is collected and through pipes it is fed to underground Water Storage tank. This stored water is then reused for domestic purpose.



5. Recommendations

In order to reduce the dependency on Natural resources and also in order to reduce the various pollutions arising due to the day to day operations of the College we herewith recommend following recommendations.

- Installation of Bio composting Plant.





INVOICE

To Principal, Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar.	Invoice No: 2022-23/36 Date: 29/12/2022
---	--

Work Order No	Verbal
PAN No	AQTPB1025F

No	Particulars	Charges per Unit, Rs.	Quantity Nos.	Amount in Rs.
1	Consultancy Service Charges for Energy Audit, Green Audit and Environmental Audit of college	12,000.00	01	12,000.00
2	Total Invoice Value			12,000.00
3	Amount in Words: Rupees Twelve Thousand only.			

For Nutan Urja Solutions,

Authorized Signatory



Bank Details:

Name of Bank	IDBI Bank
Branch	Pashan Branch
Name of Account	Nutan Urja Solutions
Current Account Number	0778102000008648
IFSC Code	IBKL0000778

Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015,
ISO/ IEC 17020:2012)

A 703, Balaji Witefield, Near Sunni's World,
Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email:
nutanurja.solutions@gmail.com



Date: 13/12/2022

CERTIFICATE

This is to certify that we have conducted Environmental Audit at Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati in the year 2021-22.

The College has already adopted following projects for making the campus **Energy Efficient**.

- Installation of Rain Water Harvesting System

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar

K G Bhatwadekar,
Certified Energy Auditor,
EA – 22428



Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015,
ISO/ IEC 17020:2012)

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The College has already adopted Green practices like:

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- Usage of Energy Efficient LED
- Usage of Energy Efficient BEE STAR Rated equipment

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Nutan Urja Solutions,

A handwritten signature in black ink, appearing to read "K G Bhatwadekar".

K G Bhatwadekar,

Certified Energy Auditor,

EA – 22428



Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015,
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K G Bhatwadekar,

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Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 15/09/2021

CERTIFICATE

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Date: 15/09/2021

CERTIFICATE

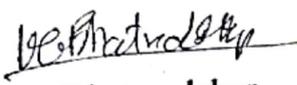
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A 703, Balaji Witefield, Near Sunni's World,

Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 25/08/2020

CERTIFICATE

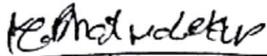
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Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

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CERTIFICATE

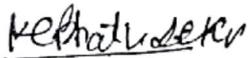
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Report
On
Energy Audit
At
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar, Amravati
(Year 2021-22)



Prepared by
Nutan Urja Solutions
A 703, Balaji Witefield, Near Sunni's World,
Sus Road, Sus, Pune 411 021
Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

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Acknowledgement

We at Nutan Urja Solutions, Pune, express our sincere gratitude to the management of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, for awarding us the assignment of Energy Audit of their college premises.

We are also thankful to various Head of Departments & other Staff members for helping us during the field measurements.

We hope that the recommendations stated in this report will be useful and worthy of discussions to take things forward to help implementation of energy conservation measures through energy savings. While we have made every attempt to adhere to high quality standards, in both data collection and analysis through the report, we would welcome your suggestions so as to improve upon this report further.



Executive Summary

After the Field measurements & analysis, we present herewith important observations made and various measures to reduce the Energy Consumption & mitigate the CO₂ emissions. College consumes Energy in the form of Electrical Energy used for various gadgets, Office & other facilities.

1. Present Energy Consumption

In the following Table, we present the details of Energy Consumption.

Table no 2.1: Details of energy consumption

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01

2. Energy Conservation Projects already installed

1. Usage of LED lights at some indoor locations
2. Usage of LED Lights for outdoor lighting.

3. Key Observations

1. Usage of LED lights.
2. Usage of star rated equipment.
3. Maintained a good power factor.

4. Percentage of Usage of LED Lighting

The College has various Types of Light fittings, namely: LED, FTL & CFL. The percentage of Annual LED Lighting Usage to Annual Lighting requirement works out to be 80 %.



5. Recommendations

Table no 1: Recommendations for energy savings

No	Recommendation	Annual Saving potential, kWh/Annum	Annual Monetary Gain, Rs.	Investment Required, Rs.	Payback period, Months
1	Replacement of 4 Nos T-8 fittings with 20W LED fittings	80	880	2,564	35
2	Replacement of 41 Nos Old Ceiling Fans with STAR rating fans	533	5,863	89,134	182
	Total	613	6,743	91,698	163

6. Notes & Assumptions

1. Daily working hours-10 Nos
2. Annual working Days-300 Nos
3. Average Rate of Electrical Energy : Rs 11/- per kWh



Abbreviations

CFL	:	Compact Fluorescent Lamp
FTL	:	Fluorescent Tube Light
LED	:	Light Emitting Diode
V	:	Voltage
I	:	Current
kW	:	Kilo- Watt
kWh	:	kilo-Watt Hour
kVA	:	Active Power



1. Introduction

Vinayak Vidnyan Mahavidyalaya Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati was established in the year 2007 by the Pravin Khodke Memorial Trust, Amravati with view to boost higher education in the rural area. The college is affiliated to Sant Gadge Baba Amravati University, Amravati. Presently college offers two Under Graduate courses Bachelor of Science with subjects Botany, Zoology, Chemistry, Physics, Mathematics, Computer Science, Electronics and Bachelor of Commerce.

1.1 Objectives

1. To study present level of Energy Consumption
2. To Study Electrical Consumption
3. To assess the various equipment/facilities from Energy efficiency aspect
4. To study various measures to reduce the Energy Consumption

1.2 Audit Methodology:

1. Study of connected load
2. Study of various Electrical parameters
3. To prepare the Report with various Encon measures with payback analysis

1.3 General Details of College

Table No-1.1: Details of college

No	Head	Particulars
1	Name of Institution	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
2	Address	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati 444 708.
3	Affiliation	Sant Gadge Baba Amravati University, Amravati



2. Study of connected load

In this chapter, we present details of various connected electrical equipment and electrical load.

Table No-2.1: Location wise study of Electrical fittings in various buildings

No	Location	FTL (40W)	LED tube (20W)	Fan	Computers (65W)
1	Office		2	1	2
2	Principal	1	1	1	1
3	Class room 1		2	2	
4	Botany lab		3	4	
5	Physics lab	1	1	2	
6	Class room 2	1	1	2	
7	Staff Room 1	1	1	2	
8	Staff Room 2		1	2	1
9	Chemistry Lab		2	2	
10	Class Room 3		4	4	
11	Class Room 4		2	2	
12	Library		4	4	2
13	Class Room 5		2	6	
14	Class Room 6		2	4	
15	Boys Wash Room		1		
16	Girls Wash Room		1		
17	Class Room		2	2	
18	Common Room		1	1	
	Total	4	33	41	6

Individual fitting wise load is as under.



Table No 2.2: Equipment wise Connected Load

No	Equipment	Qty	Load, W/Unit	Load, kW
1	Ceiling Fan	41	65	2.7
2	LED Tube-20W	33	20	0.7
3	F T L-40 W	4	40	0.2
4	Computers	6	65	0.4
	Total			3.9

Data can be represented in terms of PIE chart as under,

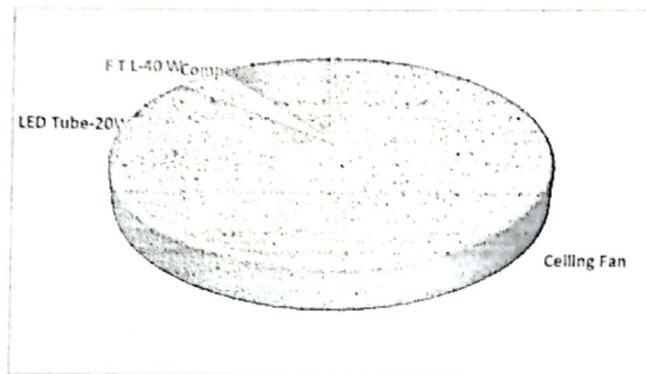


Figure 2.1: Distribution of connected load.



3. Study of Electrical Energy Consumption

In this chapter, electricity bills are studied for the analysis of electrical energy consumption.

Table no 3.1: Summary of electricity bills

No	Month	Energy (kWh)	Bill Amount (Rs)
1	Jun-22	272	3480
2	May-22	281	6860
3	Apr-22	259	2,927
4	Mar-22	161	2,046
5	Feb-22	132	1,716
6	Jan-22	278	3,670
7	Dec-21	76	912
8	Nov-21	207	2,588
9	Oct-21	205	2,583
10	Sep-21	216	2,743
11	Aug-21	210	2,688
12	Jul-21	220	2,618
	Total	2,517	34,830

Variation in energy consumption is as follows,



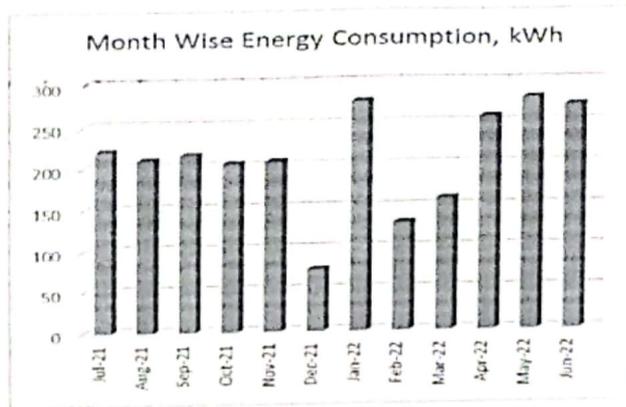


Figure 3.1: Month wise energy consumption

Monthly variation in electricity bill is as follows,

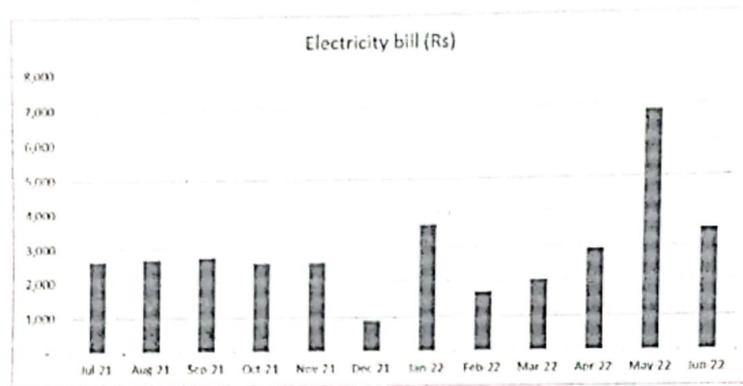


Figure 3.2: Month wise electricity bill

Key observations of electricity bill are as follows,

Table no 3.2: Key observations

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01



4. Carbon Foot printing

1. A Carbon Foot print is defined as the Total Greenhouse Gas emissions (CO₂ emissions), emitted due to various activities. In this we compute the emissions of Carbon-Di-Oxide, by usage of the various form of Electrical Energy used by the College for performing its day to day activities

2. Basis for computation of CO₂ Emissions:

The basis of Calculation for CO₂ emissions due to Electrical Energy is as under

- 1 Unit (kWh) of Electrical Energy releases **0.8 Kg of CO₂** into atmosphere.

Based on the above Data we compute the CO₂ emissions which are being released in to the atmosphere by the College due to its Day to Day operations

We herewith furnish the details of various forms of Energy consumption as under

Table 4.1: Month wise Consumption of Electrical Energy & CO₂ Emissions

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Jun-22	272	0.22
2	May-22	281	0.22
3	Apr-22	259	0.21
4	Mar-22	161	0.13
5	Feb-22	132	0.11
6	Jan-22	278	0.22
7	Dec-21	76	0.06
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9	Oct-21	205	0.16
10	Sep-21	216	0.17
11	Aug-21	210	0.17
12	Jul-21	220	0.18
	Total	2,517	2.01



In the following Chart we present the CO2 emissions due to usage of Electrical Energy.

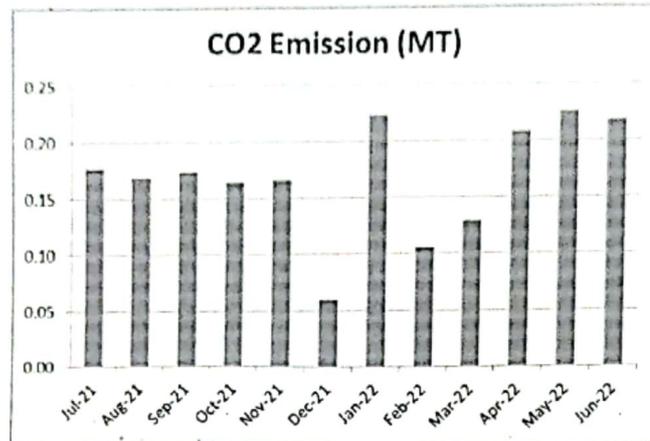


Figure 4.1: Month wise CO2 Emission



5. Study of usage of LED lighting

In this chapter we study the lighting system of college and compute the percentage of total load catered by LED lighting.

Table 7.1: Total lighting load

No	Particulars	Qty	Load, W/Unit	Load, kW
1	F T L-40 W	4	40	0.16
	LED lighting load			
1	LED tube	33	20	0.66
	Total LED lighting load			0.66
	Total Lighting load			0.82

It can be seen that out of total lighting load 80% load is LED lighting load.



6. Energy conservation proposals

6.1 Replacement of Old T-8 FTLs with 20 W LED fittings

In the facility, there are about 4 Nos, T-8, FTL fittings with Electronic/magnetic chokes. It is recommended to install the 20 W LED Tube light fittings in place of these old T-8 fittings. In the following Table, we present the savings, investment required & payback analysis.

No	Particulars	Value	Unit
1	Present Qty of T-8 fittings	4	Nos
2	Energy Demand of T-8 fitting	40	W/Unit
3	Energy Demand of 20 W LED fittin	20	W/Unit
4	Reduction in demad	20	W/Unit
5	Average Daily Usage period	4	Hrs/Day
6	Daily saving in Energy	0.32	kWh/Day
7	Annual Working Days	250	Nos
8	Annual Energy Saving possible	80	kWh/Annum
9	Rate of Electrical Energy	11	Rs/kWh
10	Annual Monetary saving	880	Rs/Annum
11	Cost of 20 W LED Tube	641	Rs/Unit
12	Investment required	2564	Rs lump sum
13	Simple Payback period	35	Months



6.2 Replacement of old fans with STAR Rated fans

During the Audit, it was observed that there are 41 no of fans. It is recommended to replace these old fans with STAR Rated fans.

In the following Table, we present the savings, investment required & payback analysis.

No	Particulars	Value	Unit
1	Present Qty of Old Ceiling Fan fittings	41	Nos
2	Energy Demand of Old Ceiling Fan fitting	65	W/Unit
3	Energy Demand of STAR Rated Fan	52	W/Unit
4	Reduction in demad	13	W/Unit
5	Average Daily Usage period	4	Hrs/Day
6	Daily saving in Energy	2.132	kWh/Day
7	Annual Working Days	250	Nos
8	Annual Energy Saving possible	533	kWh/Annum
9	Rate of Electrical Energy	11	Rs/kWh
10	Annual Monetary saving	5863	Rs/Annum
11	Cost of STAR Rated Ceiling Fan	2174	Rs/unit
12	Investment required	89134	Rs lump sum
13	Simple Payback period	182	Months



6.3 Summary of Savings

No	Recommendation	Annual Saving potential, kWh/Annum	Annual Monetary Gain, Rs.	Investment Required, Rs.	Payback period, Months
1	Replacement of 4 Nos T-8 fittings with 20W LED fittings	80	880	2,564	35
2	Replacement of 41 Nos Old Ceiling Fans with STAR rating fans	533	5,863	89,134	182
	Total	613	6,743	91,698	163





Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Affiliated to Sant Gadge Baba Amravati University, Amravati

NAAC

Criterion-VII

Institutional Values and Best Practices

<https://vinayakmahankh.in> 

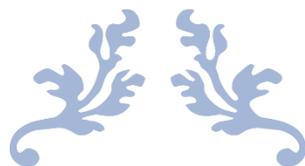
+91 7221222245 

vvm197@sgbau.ac.in 

Nandgaon Khandeshwar, Amravati 

CRITERON-VII

7.1 Institutional Values and Social Responsibilities



7.1.3 Quality audits on environment and energy regularly undertaken by the Institution



VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

Sau. Sulbha Sanjay Khodke
(MLA, Amravati)
President, P.K.M Trust, Amt.

College Code: 197, Ph. No. 07221-222245
Email: vvm197@sgbau.ac.in

Dr. Alka Anant Bhise
(Principal)
Mob.9823526341

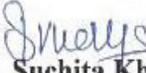
Outward NO. PKMT/VVM/0523/3533

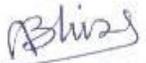
D. 10/05/2023

SELF DECLARATION

This is to certify that, the information, reports, true copies of the supporting documents, numerical data and web links furnished in this file are verified by I.Q.A.C. and head of the Institution and found correct.

Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati





**7.1.3 (c) Green audit/ environment audit report from
recognized bodies.**



Nutan Urja Solutions

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Sus Road, Sus, Pune 411 021

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Date: 25/08/2020

CERTIFICATE

This is to certify that we have conducted Green Audit at Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati for the year 2019-20.

The College has already adopted **Green** practices like:

- Installation of Rain Water Harvesting system
- Usage of Energy Efficient LED
- Usage of Energy Efficient BEE STAR Rated equipment

We appreciate the support of Management, involvement of faculty members and students in the process of making the campus Green.

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K G Bhatwadekar,

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Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date:26/09/2018

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Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 26/09/2018

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- Installation of Rain Water Harvesting System

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Acknowledgement

We at Nutan Urja Solutions, Pune, express our sincere gratitude to the management of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar for awarding us the assignment of Green Audit of their college premises.

We are also thankful to various Head of Departments & other Staff members for helping us during the field measurements.

We hope that the recommendations stated in this report will be useful and worthy of discussions to take things forward to help implementation of energy conservation measures and green practices. While we have made every attempt to adhere to high quality standards, in both data collection and analysis through the report, we would welcome your suggestions so as to improve upon this report further.



Executive Summary

Green Audit of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar is conducted by Nutan Urja Solutions, Pune. Based On the audit field study, following important points can be presented.

1. Present Energy Consumption

Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar uses Electrical Energy as the source of Energy for various equipment in the college campus. In the following Table, we present the details of Energy Consumption.

Table no 1: Details of energy consumption

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01

2. Various Measures Adopted for Energy Conservation

1. Usage of LED lights at some indoor locations

3. Rain Water Harvesting

The College has installed the Rainwater harvesting project, to reduce dependency on municipal corporation water supply.

4. Waste Management

The internal communication is through emails and there is hardly any generation of e-Waste in the premises.

5. Notes and Assumptions

1. Daily working hours-10 Nos
2. Annual working Days-250 Nos
3. Average Rate of Electrical Energy : Rs 11/- per kWh



Abbreviations

CFL	:	Compact Fluorescent Lamp
FTL	:	Fluorescent Tube Light
LED	:	Light Emitting Diode
V	:	Voltage
I	:	Current
kW	:	Kilo- Watt
kWh	:	kilo-Watt Hour
kVA	:	Active Power



1. Introduction

Vinayak Vidnyan Mahavidyalaya Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati was established in the year 2007 by the Pravin Khodke Memorial Trust, Amravati with view to boost higher education in the rural area. The college is affiliated to Sant Gadge Baba Amravati University, Amravati. Presently college offers two Under Graduate courses Bachelor of Science with subjects Botany, Zoology, Chemistry, Physics, Mathematics, Computer Science, Electronics and Bachelor of Commerce.

1.1 Objectives

1. To study present level of Energy Consumption
2. To Study the present CO₂ emissions
3. To assess the various equipment/facilities from Energy efficiency aspect
4. To measure various Electrical parameters
5. To study Scope for usage of Renewable Energy
6. To study various measures to reduce the Energy Consumption

1.2 Audit methodology

1. Study of connected load
2. Study of various Electrical parameters
3. To prepare the Report with various Encon measures with payback analysis



2. Study of Electrical Energy Consumption

In this chapter, electricity bills are studied for the analysis of electrical energy consumption.

Table no 2.1: Summary of electricity bills

No	Month	Energy (kWh)	Bill Amount (Rs)
1	Jun-22	272	3480
2	May-22	281	6860
3	Apr-22	259	2,927
4	Mar-22	161	2,046
5	Feb-22	132	1,716
6	Jan-22	278	3,670
7	Dec-21	76	912
8	Nov-21	207	2,588
9	Oct-21	205	2,583
10	Sep-21	216	2,743
11	Aug-21	210	2,688
12	Jul-21	220	2,618
	Total	2,517	34,830

Variation in energy consumption is as follows,



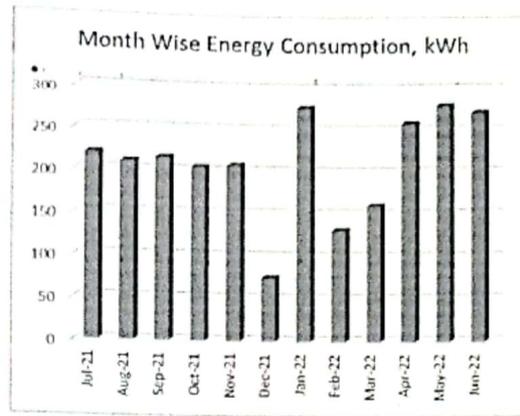


Figure 2.1: Month wise energy consumption

Monthly variation in electricity bill is as follows,

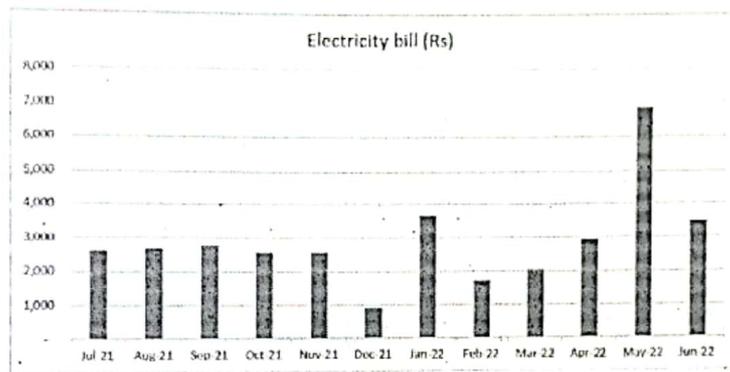


Figure 2.2: Month wise electricity bill

Key observations of electricity bill are as follows,

Table no 2.2: Key observations

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01



3. Carbon Foot printing

1. A **Carbon Foot print** is defined as the Total Greenhouse Gas emissions (CO₂ emissions), emitted due to various activities. In this we compute the emissions of Carbon-Di-Oxide, by usage of the various form of Electrical Energy used by the College for performing its day to day activities

2. Basis for computation of CO₂ Emissions:

The basis of Calculation for CO₂ emissions due to Electrical Energy is as under

- 1 Unit (kWh) of Electrical Energy releases **0.8 Kg of CO₂** into atmosphere.

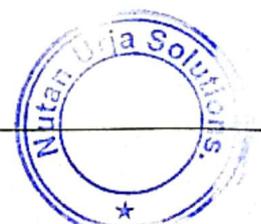
Based on the above Data we compute the CO₂ emissions which are being released in to the atmosphere by the College due to its Day to Day operations

We herewith furnish the details of various forms of Energy consumption as under

Table 3.1: Month wise Consumption of Electrical Energy & CO₂ Emissions

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Jun-22	272	0.22
2	May-22	281	0.22
3	Apr-22	259	0.21
4	Mar-22	161	0.13
5	Feb-22	132	0.11
6	Jan-22	278	0.22
7	Dec-21	76	0.06
8	Nov-21	207	0.17
9	Oct-21	205	0.16
10	Sep-21	216	0.17
11	Aug-21	210	0.17
12	Jul-21	220	0.18
	Total	2,517	2.01

In the following Chart we present the CO₂ emissions due to usage of Electrical Energy.



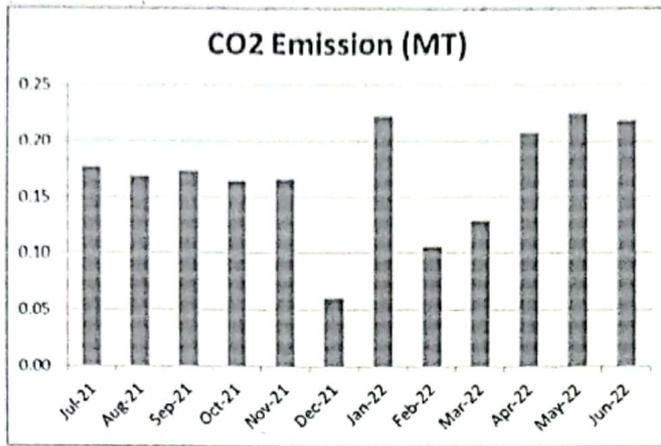


Figure 3.1: Month wise CO2 Emission



4. Study of Rain Water Harvesting

The College has already installed Rain Water Harvesting project, wherein the rain water falling on the terrace is collected and through pipes it is fed to underground Water Storage tank. This stored water is then reused for domestic purpose.



5. Study of Waste Management

5.1 Solid Waste Management

The solid waste collected in college is bifurcated in dry waste and wet waste. The waste is collected and disposed by corporation.

5.2 e-Waste Management

The internal communication is through emails and there is hardly any generation of e-Waste in the premises.



6. Study of Green Practices

6.1 No of students who don't use own Vehicle for coming to Institute

Out of total students coming to Institute, about 60% students use own Automobile.

6.2 Usage of Public Transport

During the Students transport study, it was revealed that the local students who are residing near areas make use of Public Transport like Municipal Transport local buses, local sharing type auto rickshaws. Some students use bicycles. The average number of students is approximately 40 %. Institute encourages students to not to use automobiles.

6.3 Pedestrian Friendly Roads

The Institute has well defined pedestrian foot paths as to facilitate the easy movement of the students within the campus.

6.4 Plastic Free Campus

The Institute is an active participant in the Government of India's most prestigious project of SWATCHH BHART ABHIYAN. The Institute has displayed boards in the Campus, to make the campus plastic free. Various measures adopted for this purpose are as follows

- Installation of Separate waste bins for Dry waste & wet waste
- Usage of paper tea cups in the Institute canteen
- Display of boards in the campus for Plastic Free campus

6.5 Paperless Office

The internal communication of the Institute is through the Internet. There are hardly any day to day operations, where printing is required.



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We appreciate the co-operation and support extended to our team members during the entire tenure of field study.

We are also thankful to various Head of Departments & other Staff members for helping us during the field measurements.

We are also thankful to all other staff members who helped us during the Measurements at the field and for giving us the necessary inputs to carry out this vital exercise.



Executive Summary

After the Field measurements & analysis, we present herewith important observations made and various measures to reduce the dependency on Natural resources & reduce the pollution.

Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar consumes various resources for day to day operations, namely: Air, Water, Electrical Energy & LPG.

1. Various Pollution due to College Activities:

- Air pollution: Mainly CO₂ on account of Electricity & LPG Consumption
- Solid Waste: Bio degradable Kitchen Waste, Garden Waste
- Liquid Waste: Human liquid waste

2. Present Level of CO₂ Emissions:

Sr no	Parameter	Energy consumed, (Units)	CO ₂ Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01

3. The various projects already implemented for Environmental Conservation:

- Usage of Natural Day light in corridors
- Implementation of Rain Water Harvesting

4. Recommendations:

1. Installation of Bio composting Plant.

5. Notes & Assumptions:

1. 1 kWh of Electrical Energy releases 0.8 Kg of CO₂ into atmosphere
2. 1 kWp Solar PV plant generates 5 kWh/day Electrical Energy for 300 days in an year.



Abbreviations

AC	: Air conditioner
PES	: Progressive Education Society
CFL	: Compact Fluorescent Lamp
FTL	: Fluorescent Tube Light
LED	: Light Emitting Diode
kWh	: kilo-Watt Hour
Qty	: Quantity
W	: Watt
kW	: Kilo Watt
PF	: Power Factor
MD	: Maximum Demand
PC	: Personal Computer
MSEDCL	: Maharashtra State Electricity Distribution Company Ltd



1. Introduction

1.1 Important Definitions:

1.1.1 Environment: Definition as per environment Protection Act: 1986

Environment includes water, air and land and the inter-relationship which exists among and between Water, Air, Land and Human beings, other living creatures, plants microorganism and property

1.1.2. Environmental Audit: Definition:

An audit which aims at verification and validation to ensure that various environmental laws are compiled with and adequate care has been taken towards environmental protection and preservation

According to UNEP, 1990, "Environmental audit can be defined as a management tool comprising systematic, documented and periodic evaluation of how well environmental organization management and equipment are performing with an aim of helping to regularize the environment"

1.1.3. Environmental Pollutant: means any solid, liquid and gaseous substance present in the concentration as may be, or tend to be, injurious to Environment.

1.1.4. Relevant Environmental Laws in India: Table No-1:

1927	The Indian Forest Act
1972	The Wildlife Protection Act
1974	The Water (Prevention and Control of Pollution) Act
1977	The Water (Prevention & Control of Pollution) Cess Act
1980	The Forest (Conservation) Act
1981	The Air (Prevention and Control of Pollution) Act
1986	The Environment Protection Act
1991	The Public Liability Insurance Act
2002	The Biological Diversity Act
2010	The National Green Tribunal Act

1.1.5. Some Important Environmental Rules in India: Table No-2:

1989	Hazardous Waste (Management and Handling) Rules
1989	Manufacture, Storage and Import of Hazardous Chemical Rules
2000	Municipal Solid Waste (Management and Handling) Rules
1998	The Biomedical Waste (Management and Handling) Rules
1999	The Environment (Siting for Industrial Projects) Rules
2000	Noise Pollution (Regulation and Control) Rules
2000	Ozone Depleting Substances (Regulation and Control) Rules



2011	E-waste (Management and Handling) Rules
2011	National Green Tribunal (Practices and Procedure) Rules
2011	Plastic Waste (Management and Handling) Rules

1.1.6 National Environmental Plans & Policy Documents: Table No-3:

1.	National Forest Policy, 1988
2.	National Water Policy, 2002
3.	National Environment Policy or NEP (2006)
4.	National Conservation Strategy and Policy Statement on Environment and Development, 1992
5.	Policy Statement for Abatement of Pollution (1992)
6.	National Action Plan on Climate Change
7.	Vision Statement on Environment and Human Health
8.	Technology Vision 2030 (The Energy Research Institute)
9.	Addressing Energy Security and Climate Change (MoEF and Bureau of Energy Efficiency)
10.	The Road to Copenhagen; India's Position on Climate Change Issues (MoEF)

1.2 Objectives

1. To study present usage of Natural resources the College is consuming
2. To Study the present pollution sources
3. To study various measures to make the campus Self sustainable in respect of Natural resources
4. To suggest the various measures to reduce the pollution: Air, Water, Noise

1.3 Audit Methodology:

1. Study of College as System
2. Study of Electrical Energy Consumption
3. Study of CO2 emissions
4. Suggestions on usage of Renewable Energy

1.4 General Details of College

No	Head	Particulars
1	Name of Institution	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
2	Address	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati 444 708.
3	Affiliation	Sant Gadge Baba Amravati University, Amravati



2. Study of Consumption of Various Resources

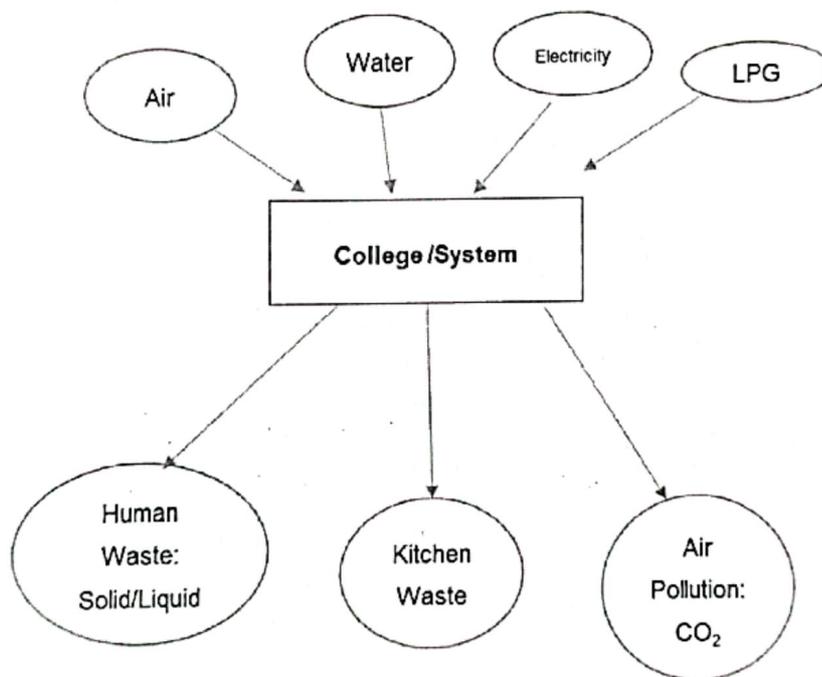
The Institute consumes following basic/derived Resources:

1. Air
2. Water
3. Electrical Energy
4. Liquefied Petroleum Gas

Also, college emits following pollutants to environment

1. Human Waste: Solid/ Liquid
2. Kitchen waste
3. Air pollution

We try to draw a schematic diagram for the College System & Environment as under.



Now we compute the Generation of CO₂ on account of consumption of Electrical Energy & LPG as under.

The calculation of electrical energy consumption by college can be given as,

Table 2.1: Electrical Energy Consumption

No	Month	Energy (kWh)
1	Jun-22	272
2	May-22	281
3	Apr-22	259
4	Mar-22	161
5	Feb-22	132
6	Jan-22	278
7	Dec-21	76
8	Nov-21	207
9	Oct-21	205
10	Sep-21	216
11	Aug-21	210
12	Jul-21	220
	Total	2,517
	Maximum	281
	Minimum	76
	Average	210

2.1 Variation of Monthly Electrical Energy Consumption

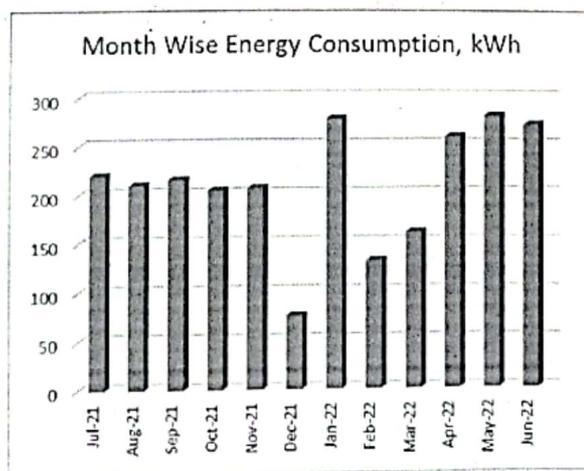


Figure 2.1 : Monthly Electrical Energy Consumption



2.2 Key Inference drawn

... From the above analysis, we present following important parameters:

Table 2.2: Variation in Important Parameters

No	Parameter/ Value	Energy Consumed, kWh
1	Maximum	281
2	Minimum	76
3	Average	210
4	Total	2571



3. Study of Environmental Pollution

In this Chapter, we present the various types of Pollution as under:

3.1 Air Pollution

The College is using two forms of Energies, namely: Thermal in the form of LPG and Electrical Energy used for day to day operations of the College. The major pollutant on account of above Energy forms is the Carbon Di Oxide.

- 1 unit (kWh) of Electrical Energy emits 0.8 Kg of CO₂ in the atmosphere
- 1 Kg of LPG emits 3 Kg of CO₂ in the atmosphere

In the following Table, we present the CO₂ emissions.

Table 3.1: Month wise Consumption of Electrical Energy & CO₂ Emissions:

No	Month	Energy Consumed, kWh	CO2 Emissions, MT
1	Jun-22	272	0.22
2	May-22	281	0.22
3	Apr-22	259	0.21
4	Mar-22	161	0.13
5	Feb-22	132	0.11
6	Jan-22	278	0.22
7	Dec-21	76	0.06
8	Nov-21	207	0.17
9	Oct-21	205	0.16
10	Sep-21	216	0.17
11	Aug-21	210	0.17
12	Jul-21	220	0.18
	Total	2,517	2.01
	Maximum	281	0.22
	Minimum	76	0.06
	Average	210	0.17



In the following Chart we present the CO2 emissions due to usage of Electrical Energy.

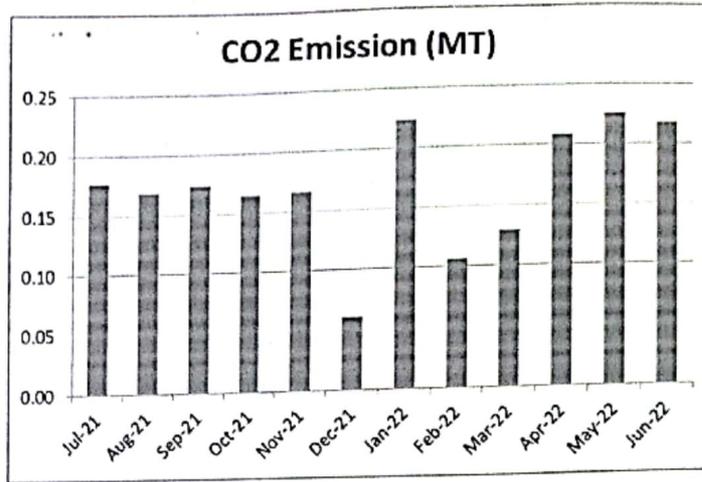


Figure 3.1: CO2 emission due to usage of electrical energy.

3.2 Study of Solid Waste Generation

The solid waste collected in college is bifurcated in dry waste and wet waste. The waste is collected and disposed by corporation.

3.3 Study of Liquid Waste Generation

At present the Liquid Waste generated due to day to day operations is drained off to the municipal Corporation through a pipe.

3.4 Study of e-Waste Management:

The internal communication is through emails and there is hardly any generation of e-Waste in the premises.



4. Study of Rain Water Harvesting

The College has already installed Rain Water Harvesting project, wherein the rain water falling on the terrace is collected and through pipes it is fed to underground Water Storage tank. This stored water is then reused for domestic purpose.



5. Recommendations

In order to reduce the dependency on Natural resources and also in order to reduce the various pollutions arising due to the day to day operations of the College we herewith recommend following recommendations.

- Installation of Bio composting Plant.





INVOICE

To Principal, Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar.	Invoice No: 2022-23/36 Date: 29/12/2022
---	--

Work Order No	Verbal
PAN No	AQTPB1025F

No	Particulars	Charges per Unit, Rs.	Quantity Nos.	Amount in Rs.
1	Consultancy Service Charges for Energy Audit, Green Audit and Environmental Audit of college	12,000.00	01	12,000.00
2	Total Invoice Value			12,000.00
3	Amount in Words: Rupees Twelve Thousand only.			

For Nutan Urja Solutions,

Authorized Signatory



Bank Details:

Name of Bank	IDBI Bank
Branch	Pashan Branch
Name of Account	Nutan Urja Solutions
Current Account Number	0778102000008648
IFSC Code	IBKL0000778

Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015,
ISO/ IEC 17020:2012)

A 703, Balaji Witefield, Near Sunni's World,
Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email:
nutanurja.solutions@gmail.com



Date: 13/12/2022

CERTIFICATE

This is to certify that we have conducted Environmental Audit at Pravin Khodke Memorial Trust Amravati's Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati in the year 2021-22.

The College has already adopted following projects for making the campus **Energy Efficient**.

- Installation of Rain Water Harvesting System

We appreciate the support of Management, involvement of faculty members and students in the process of Energy Conservation & making the campus Green.

Nutan Urja Solutions,

K G Bhatwadekar

K G Bhatwadekar,
Certified Energy Auditor,
EA – 22428



Nutan Urja Solutions

(ISO 9001:2015, ISO 50001:2018, ISO 14001:2015,
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Date: 13/12/2022

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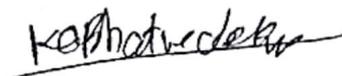
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The College has already adopted Green practices like:

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- Usage of Energy Efficient LED
- Usage of Energy Efficient BEE STAR Rated equipment

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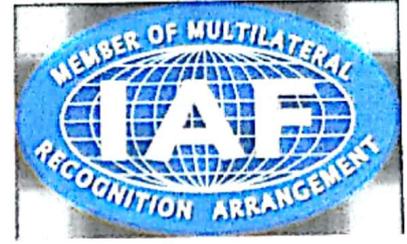


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Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 15/09/2021

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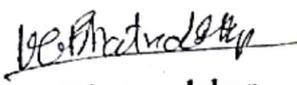
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Sus Road, Sus, Pune 411 021

Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

Date: 25/08/2020

CERTIFICATE

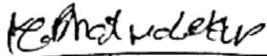
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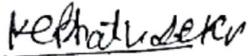
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Nutan Urja Solutions,


K G Bhatwadekar,

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EA - 22428



Report
On
Energy Audit
At
Pravin Khodke Memorial Trust Amravati's
Vinayak Vidnyan Mahavidyalaya
Nandgaon Khandeshwar, Amravati
(Year 2021-22)



Prepared by
Nutan Urja Solutions
A 703, Balaji Witefield, Near Sunni's World,
Sus Road, Sus, Pune 411 021
Phone: 83568 18381. Email: nutanurja.solutions@gmail.com

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Acknowledgement

We at Nutan Urja Solutions, Pune, express our sincere gratitude to the management of Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, for awarding us the assignment of Energy Audit of their college premises.

We are also thankful to various Head of Departments & other Staff members for helping us during the field measurements.

We hope that the recommendations stated in this report will be useful and worthy of discussions to take things forward to help implementation of energy conservation measures through energy savings. While we have made every attempt to adhere to high quality standards, in both data collection and analysis through the report, we would welcome your suggestions so as to improve upon this report further.



Executive Summary

After the Field measurements & analysis, we present herewith important observations made and various measures to reduce the Energy Consumption & mitigate the CO₂ emissions. College consumes Energy in the form of Electrical Energy used for various gadgets, Office & other facilities.

1. Present Energy Consumption

In the following Table, we present the details of Energy Consumption.

Table no 2.1: Details of energy consumption

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01

2. Energy Conservation Projects already installed

1. Usage of LED lights at some indoor locations
2. Usage of LED Lights for outdoor lighting.

3. Key Observations

1. Usage of LED lights.
2. Usage of star rated equipment.
3. Maintained a good power factor.

4. Percentage of Usage of LED Lighting

The College has various Types of Light fittings, namely: LED, FTL & CFL. The percentage of Annual LED Lighting Usage to Annual Lighting requirement works out to be 80 %.



5. Recommendations

Table no 1: Recommendations for energy savings

No	Recommendation	Annual Saving potential, kWh/Annum	Annual Monetary Gain, Rs.	Investment Required, Rs.	Payback period, Months
1	Replacement of 4 Nos T-8 fittings with 20W LED fittings	80	880	2,564	35
2	Replacement of 41 Nos Old Ceiling Fans with STAR rating fans	533	5,863	89,134	182
	Total	613	6,743	91,698	163

6. Notes & Assumptions

1. Daily working hours-10 Nos
2. Annual working Days-300 Nos
3. Average Rate of Electrical Energy : Rs 11/- per kWh



Abbreviations

CFL	: Compact Fluorescent Lamp
FTL	: Fluorescent Tube Light
LED	: Light Emitting Diode
V	: Voltage
I	: Current
kW	: Kilo- Watt
kWh	: kilo-Watt Hour
kVA	: Active Power



1. Introduction

Vinayak Vidnyan Mahavidyalaya Mahavidyalaya, Nandgaon Khandeshwar, Dist. Amravati was established in the year 2007 by the Pravin Khodke Memorial Trust, Amravati with view to boost higher education in the rural area. The college is affiliated to Sant Gadge Baba Amravati University, Amravati. Presently college offers two Under Graduate courses Bachelor of Science with subjects Botany, Zoology, Chemistry, Physics, Mathematics, Computer Science, Electronics and Bachelor of Commerce.

1.1 Objectives

1. To study present level of Energy Consumption
2. To Study Electrical Consumption
3. To assess the various equipment/facilities from Energy efficiency aspect
4. To study various measures to reduce the Energy Consumption

1.2 Audit Methodology:

1. Study of connected load
2. Study of various Electrical parameters
3. To prepare the Report with various Encon measures with payback analysis

1.3 General Details of College

Table No-1.1: Details of college

No	Head	Particulars
1	Name of Institution	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar
2	Address	Pravin Khodke Memorial Trust Amravati's Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar, Amravati 444 708.
3	Affiliation	Sant Gadge Baba Amravati University, Amravati



2. Study of connected load

In this chapter, we present details of various connected electrical equipment and electrical load.

Table No-2.1: Location wise study of Electrical fittings in various buildings

No	Location	FTL (40W)	LED tube (20W)	Fan	Computers (65W)
1	Office		2	1	2
2	Principal	1	1	1	1
3	Class room 1		2	2	
4	Botany lab		3	4	
5	Physics lab	1	1	2	
6	Class room 2	1	1	2	
7	Staff Room 1	1	1	2	
8	Staff Room 2		1	2	1
9	Chemistry Lab		2	2	
10	Class Room 3		4	4	
11	Class Room 4		2	2	
12	Library		4	4	2
13	Class Room 5		2	6	
14	Class Room 6		2	4	
15	Boys Wash Room		1		
16	Girls Wash Room		1		
17	Class Room		2	2	
18	Common Room		1	1	
	Total	4	33	41	6

Individual fitting wise load is as under.

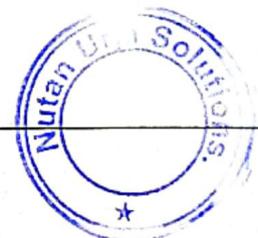


Table No 2.2: Equipment wise Connected Load

No	Equipment	Qty	Load, W/Unit	Load, kW
1	Ceiling Fan	41	65	2.7
2	LED Tube-20W	33	20	0.7
3	F T L-40 W	4	40	0.2
4	Computers	6	65	0.4
	Total			3.9

Data can be represented in terms of PIE chart as under,

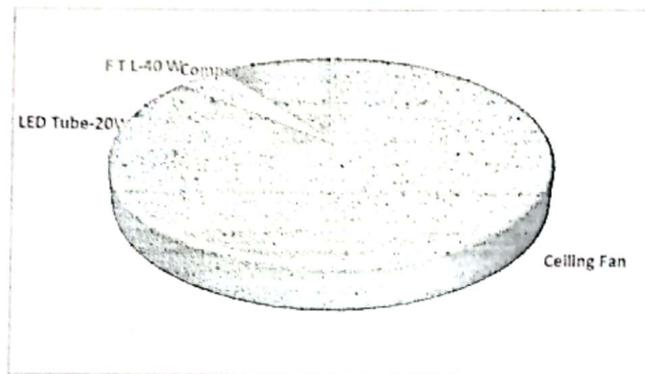


Figure 2.1: Distribution of connected load.



3. Study of Electrical Energy Consumption

In this chapter, electricity bills are studied for the analysis of electrical energy consumption.

Table no 3.1: Summary of electricity bills

No	Month	Energy (kWh)	Bill Amount (Rs)
1	Jun-22	272	3480
2	May-22	281	6860
3	Apr-22	259	2,927
4	Mar-22	161	2,046
5	Feb-22	132	1,716
6	Jan-22	278	3,670
7	Dec-21	76	912
8	Nov-21	207	2,588
9	Oct-21	205	2,583
10	Sep-21	216	2,743
11	Aug-21	210	2,688
12	Jul-21	220	2,618
	Total	2,517	34,830

Variation in energy consumption is as follows,



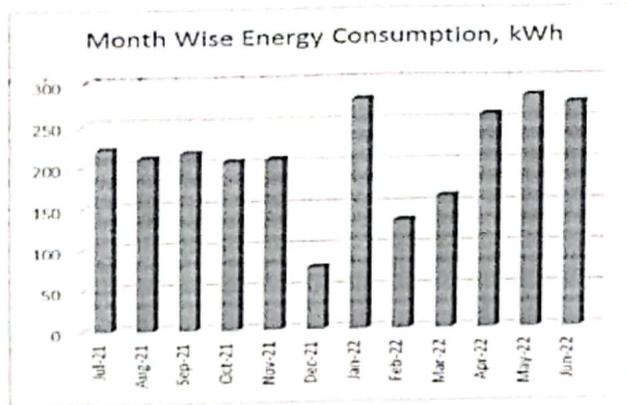


Figure 3.1: Month wise energy consumption

Monthly variation in electricity bill is as follows,

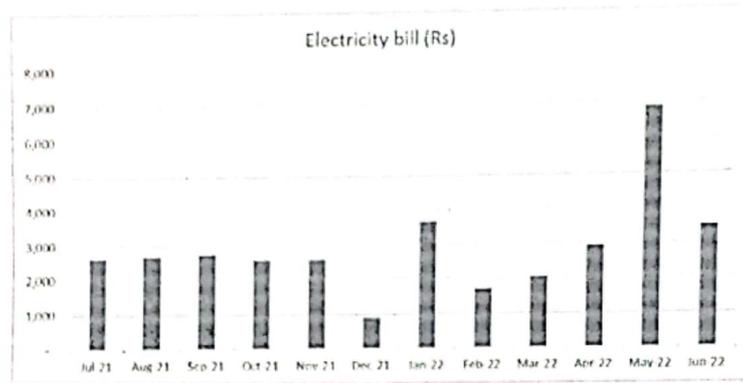


Figure 3.2: Month wise electricity bill

Key observations of electricity bill are as follows,

Table no 3.2: Key observations

Sr no	Parameter	Energy consumed, (Units)	CO2 Emission (MT)
1	Maximum	281	0.22
2	Minimum	76	0.06
3	Average	210	0.17
4	Total	2,517	2.01



4. Carbon Foot printing

1. A Carbon Foot print is defined as the Total Greenhouse Gas emissions (CO₂ emissions), emitted due to various activities. In this we compute the emissions of Carbon-Di-Oxide, by usage of the various form of Electrical Energy used by the College for performing its day to day activities

2. Basis for computation of CO₂ Emissions:

The basis of Calculation for CO₂ emissions due to Electrical Energy is as under

- 1 Unit (kWh) of Electrical Energy releases **0.8 Kg of CO₂** into atmosphere.

Based on the above Data we compute the CO₂ emissions which are being released in to the atmosphere by the College due to its Day to Day operations

We herewith furnish the details of various forms of Energy consumption as under

Table 4.1: Month wise Consumption of Electrical Energy & CO₂ Emissions

No	Month	Energy Consumed, kWh	CO ₂ Emissions, MT
1	Jun-22	272	0.22
2	May-22	281	0.22
3	Apr-22	259	0.21
4	Mar-22	161	0.13
5	Feb-22	132	0.11
6	Jan-22	278	0.22
7	Dec-21	76	0.06
8	Nov-21	207	0.17
9	Oct-21	205	0.16
10	Sep-21	216	0.17
11	Aug-21	210	0.17
12	Jul-21	220	0.18
	Total	2,517	2.01



In the following Chart we present the CO2 emissions due to usage of Electrical Energy.

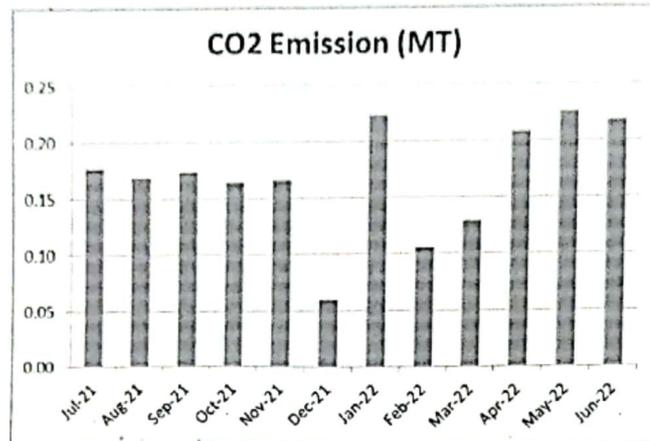


Figure 4.1: Month wise CO2 Emission



5. Study of usage of LED lighting

In this chapter we study the lighting system of college and compute the percentage of total load catered by LED lighting.

Table 7.1: Total lighting load

No	Particulars	Qty	Load, W/Unit	Load, kW
1	F T L-40 W	4	40	0.16
	LED lighting load			
1	LED tube	33	20	0.66
	Total LED lighting load			0.66
	Total Lighting load			0.82

It can be seen that out of total lighting load 80% load is LED lighting load.



6. Energy conservation proposals

6.1 Replacement of Old T-8 FTLs with 20 W LED fittings

In the facility, there are about 4 Nos, T-8, FTL fittings with Electronic/magnetic chokes. It is recommended to install the 20 W LED Tube light fittings in place of these old T-8 fittings. In the following Table, we present the savings, investment required & payback analysis.

No	Particulars	Value	Unit
1	Present Qty of T-8 fittings	4	Nos
2	Energy Demand of T-8 fitting	40	W/Unit
3	Energy Demand of 20 W LED fittin	20	W/Unit
4	Reduction in demad	20	W/Unit
5	Average Daily Usage period	4	Hrs/Day
6	Daily saving in Energy	0.32	kWh/Day
7	Annual Working Days	250	Nos
8	Annual Energy Saving possible	80	kWh/Annum
9	Rate of Electrical Energy	11	Rs/kWh
10	Annual Monetary saving	880	Rs/Annum
11	Cost of 20 W LED Tube	641	Rs/Unit
12	Investment required	2564	Rs lump sum
13	Simple Payback period	35	Months



6.2 Replacement of old fans with STAR Rated fans

During the Audit, it was observed that there are 41 no of fans. It is recommended to replace these old fans with STAR Rated fans.

In the following Table, we present the savings, investment required & payback analysis.

No	Particulars	Value	Unit
1	Present Qty of Old Ceiling Fan fittings	41	Nos
2	Energy Demand of Old Ceiling Fan fitting	65	W/Unit
3	Energy Demand of STAR Rated Fan	52	W/Unit
4	Reduction in demad	13	W/Unit
5	Average Daily Usage period	4	Hrs/Day
6	Daily saving in Energy	2.132	kWh/Day
7	Annual Working Days	250	Nos
8	Annual Energy Saving possible	533	kWh/Annum
9	Rate of Electrical Energy	11	Rs/kWh
10	Annual Monetary saving	5863	Rs/Annum
11	Cost of STAR Rated Ceiling Fan	2174	Rs/unit
12	Investment required	89134	Rs lump sum
13	Simple Payback period	182	Months



6.3 Summary of Savings

No	Recommendation	Annual Saving potential, kWh/Annum	Annual Monetary Gain, Rs.	Investment Required, Rs.	Payback period, Months
1	Replacement of 4 Nos T-8 fittings with 20W LED fittings	80	880	2,564	35
2	Replacement of 41 Nos Old Ceiling Fans with STAR rating fans	533	5,863	89,134	182
	Total	613	6,743	91,698	163





Vinayak Vidnyan Mahavidyalaya, Nandgaon Kh.

Affiliated to Sant Gadge Baba Amravati University, Amravati

NAAC

Criterion-VII

Institutional Values and Best Practices

<https://vinayakmahankh.in> 

+91 7221222245 

vvm197@sgbau.ac.in 

Nandgaon Khandeshwar, Amravati 

CRITERON-VII

7.1 Institutional Values and Social Responsibilities



7.1.3 Quality audits on environment and energy regularly undertaken by the Institution



VINAYAK VIDNYAN MAHAVIDYALAYA

Nandgaon Khandeshwar, Dist. Amravati

(An Institute run by Pravin Khodke Memorial Trust, Amravati)

Sau. Sulbha Sanjay Khodke
(MLA, Amravati)
President, P.K.M Trust, Amt.

College Code: 197, Ph. No. 07221-222245
Email: vvm197@sgbau.ac.in

Dr. Alka Anant Bhise
(Principal)
Mob.9823526341

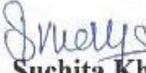
Outward NO. PKMT/VVM/0523/3538

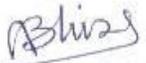
D. 10/05/2023

SELF DECLARATION

This is to certify that, the information, reports, true copies of the supporting documents, numerical data and web links furnished in this file are verified by I.Q.A.C. and head of the Institution and found correct.

Hence this certificate is issued.


Dr. Suchita Khodke
I.Q.A.C. Co-ordinator
Vinayak Vidnyan Mahavidyalaya
Nandgaon Kh.


Dr. Alka A. Bhise
PRINCIPAL
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khan, Dist. Amravati





**7.1.3 (d) Certificates of the awards received from
recognized agency (if any).**



7.1.3

Certificate of the awards received from recognized agency.

S.N.	Title of letter	Recognized Agency	Session	Page No.
1	Harit Shapath and Pere App	Tahsil, Nandgaon Kh.	2021-22	2
2	Plogging Run	Nagar Panchayat, Nandgaon Kh.	2021-22	3
3	Eco Friendly Ganesha Idol	Tahsil, Nandgaon Kh.	2021-22	4
4	Promotion of nature, Bio-Diversity and Environment Conservation and Protection	Kamdhenu Prakrutik Urja Kendra, Amravati	2021-22	5
5	Swaccha Bharat Abhiyan and Mazi Vasundhra	Nagar Panchayat, Nandgaon Kh.	2019-20, 2020-21, 2021-22	6
6	First Prize –Swachha Sarwekshan-2019	Nagar Panchayat, Nandgaon Kh.	2019	7
7	Green Initiative	Amravati Garden Club	29-July 2021	8
8	Awareness –Rain Water Harvesting	Nrhru Yuva Kendra, Amravati		09



महाराष्ट्र शासन
तहसिल कार्यालय नांदगांव खंडेष्टर

दुरध्वनी ०७२२१-२२२६४४

Mail id - nandgaon.tah@gmail.com

क्र लिपीक/कवि-1136 /२०२३

दिनांक १ /६/२०२३

Certificate of Recognition

To,
The Principal,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar.

Respected Madam,

On behalf of **Tahsil Office**, Nandgaon Khandeshwar, I would like to thank and appreciate the efforts taken for carrying out the campaign and awareness programmes on **Harith Shapath** and **PERE App Survey** in the year 2021-22 by **Vinayak Vidnyan Mahavidyalaya**, Nandgaon Khandeshwar. I hope such kind of programmes will be continue in future also.

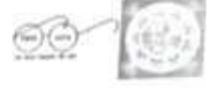


Your Sincerely

Shri.  P. D. Bhusari
Tahsil Nandgaon Khandeshwar.



कार्यालय नगर पंचायत नांदगाव खंडेश्वर
जि. अमरावती



दुरधर्मीकरण: 0720 22053

Mail: ngp.nandgaon@gmail.com

जावक क्र. 2282

दि. 31/03/2023

Certificate of Recognition

To,

The Principal,

Vinayak Vidnyan Mahavidyalaya,

Nandgaon Khandeshwar.

Respected Madam,

On behalf of **Nagar Panchayat Office**, Nandgaon Khandeshwar, I would like to thank and appreciate the efforts taken by your college, **Vinayak Vidnyan Mahavidyalaya**, Nandgaon Khandeshwar, for successful conduction of **Plogging Run** for the local people of the city in the year **2021-22**. These activities will be proven beneficial for their social and holistic development. I hope such kind of programme will be continue in future also.



Your Sincerely

[Signature]
कार्यालय अधिकारी
नगर पंचायत कार्यालय
नांदगाव खंडेश्वर



सत्यमेव जयते

OFFICE OF THE TAHSILDAR NANDGAON KHANDESHWAR
Letter No./A.K./Gen-Est/W.N.104/2023 **Date:- 20/04/2023**

Certificate of Recognition

To,

The Principal,

Vinayak Vidnyan Mahavidyalaya,

Nandgaon Khandeshwar,



Respected Madam,

On behalf of **Tahasil Office**, Nandgaon Khandeshwar, I would like to thank and appreciate the efforts taken for carrying out the campaign and awareness programme's **Eco-friendly Ganesha Idols** made up of clay and mud since last three years by **Vinayak Vidnyan Mahavidyalaya**, Nandgaon Khandeshwar. I hope such kind of programmes will be continue in future also.



Your Sincerely

Purushottam Bhusari

Tahsildar,

Nandgaon Khandeshwar.

कामधेनु प्राकृतिक उर्जा केंद्र

शेवाळकर एन्क्लेव, राजापेठ नवीन बस स्थानक, अमरावती-४४४ ६०५

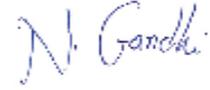
APPRECIATION LETTER

Green Army Club of Vinayak Vidnyan Mahavidyalaya, Nandgaon Khandeshwar is an Environment Protection group of Students of the Institute.

The Members of the club are doing excellent work to promote nature, Bio-diversity and Environment Conservation and Protection. We have personally witness their programs and activities like Eco friendly Holi Colour, Seed Ball, Solid waste Management are few to mention among many.

We appreciate and acknowledged the work of Green Army Club for the session 2021-22

Many wishes for future Endeavours.



Nandkishor Gandhi
Proprietor



कार्यालय नगर पंचायत नांदगाव खंडेश्वर
जि. अमरावती



दस्तावेज क्र. 0729/222023

Email: ngp.nandgaon@gmail.com

नाव क्र. 09

दि. 5/4/2023

Nagar Panchayat Office, Nandgaon Khandeshwar,
Government of Maharashtra.

Certificate of Recognition

To,

The Principal,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon, Khandeshwar.

Respected Madam,

On behalf of **Nagar Panchayat Office**, Nandgaon Khandeshwar, I would like to thank and appreciate the efforts taken by your college, **Vinayak Vidnyan Mahavidyalaya**, Nandgaon Khandeshwar, for successful conduction of campaign and awareness programmes such as **Swachha Bharat Abhiyan** and **Majhi Vasundhara** for the local people of the city in the years **2019-20, 2020-21 and 2021-22**. These activities will be proven beneficial for their social and holistic development. I hope such kind of programmes will be continue in future also.



Your Sincerely

[Signature]

कार्यालयीन अधिकारी
नगर पंचायत कार्यालय
नांदगाव खंडेश्वर

नगर पंचायत कार्यालय, नांदगांव खंडेश्वर ता. नांदगांव खंडेश्वर जि. अमरावती

-: प्रमाणपत्र :-

प्रमाणीत करण्यात येते की, विनायक विज्ञान महाविद्यालय
नांदगाव खंडे. जि. अमरावती यांना स्वच्छ सर्वेक्षण 2019 अंतर्गत शहरात मुख्य ठिकाणची स्वच्छता करून व सुंदर
स्वच्छतेचे चित्र रेखाटून या स्पर्धेत प्रथम क्र. बजावल्या बद्दल हे प्रमाणपत्र प्रदान करण्यात येत आहे.

स्थळ :- नांदगाव खंडे.

दिनांक :- १५/११/२०१९ .

M. S. S. S.
मुख्याधिकारी
नगरीय स्वच्छता, नांदगाव खंडे
नगर पंचायत नांदगाव खंडे

President
Dr. Dinesh D. Khedkar
"Gitai" Vinhal Wadi,
Kathora Road, Amravati-04
Mob. 9423622287
Email: souudin@gmail.com

Secretary
Dr. (Mrs.) Rekha Maggurwar
H.No.6, Shakuntal Colony
V.M.V. Road, Amravati - 04
Mob. 09822576066
Email: dr.krekha@yahoo.com

Regd. No. B-1-181

**AMRAVATI
GARDEN
CLUB**



*Love Plants;
Save Life*

VICE PRESIDENT

Mr. Subhash Bhave

TREASURER

Dr. Shashank Deshmukh

JT. SECRETARY

Dr. Ganesh Hedawoo

EXECUTIVE MEMBER

Mr. Uday Deshmukh

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Mrs. Nirmalata Deshmukh

Dr. Kishor Bobade

Mr. N. B. Mandavgade

Prof. C.M. Deshmukh

Dr. (Mrs.) Suchita Khodke

PUBLIC RELATION OFFICER
DR.GAJENDRASINGH PACHLORE

Reference:

Date: 29th July, 2021

To,
The Principal
Vinayak Vidyan Mahavidyalaya
Nandgaon (kh)
District. Amravati

Subject: Acknowledgement Letter

Amravati Garden Club, Amravati take this opportunity to acknowledge and appreciate our knowledge partner, Pravin Khodke Memorial Trust, Amravati's Vinayak Vidyan Mahavidyalaya Nandgaon Khandeshwar. District Amravati (College Code: 197) affiliated to Sant Gadge Baba Amravati, University, Amravati.

Vinayak Vidyan Mahavidyalaya of Nandgaon Khandeshwar has been proactively involved and have shown a huge cooperation in all the events conducted by Amravati Garden Club, Amravati like *Vrukshpalakava, Workshop's on gardening, plantation etc., flower Exhibition* and many more from the year of institute's establishment. The college has provided logistics and human resource timely and whenever required or requested.

Amravati Garden Club also acknowledge Vinayak Vidyan Mahavidyalaya's Green initiatives carried within and beyond the campus boundaries. Be it a plantation Drive, Environment awareness or Biodiversity Conservation, Vinayak Vidyan Mahavidyalaya have made a mark and have contributed in its own unique way.

Amravati Garden Club, Amravati takes pride in confirming its association with the Vinayak Vidyan Mahavidyalaya Nandgaon Khandeshwar as our Knowledge Partner.

Amravati Garden Club, Amravati wishes all the best to Vinayak Vidyan Mahavidyalaya, Nandgaon Khandeshwar for the institute's future endeavor and also promises to continue the association in the future.

Many Regards and compliments

Yours sincerely

Rekha Maggurwar

Secretary
Amravati Garden Club
Amravati

नेहरु युवा केन्द्र अमरावती NEHRU YUVA KENDRA AMRAVATI

जिला कार्यालय
नेहरु युवा केन्द्र संगठन
युवा कार्यक्रम और खेल महालय
भारत सरकार

District Office of the
Nehru Yuva Kendra Sangathan
Ministry of Youth Affairs & Sports
Government of India

NYK/AMT/COREPROGRAM/2023-24/28
Date: 06/06/2023

To,
The Principal,
Vinayak Vidnyan Mahavidyalaya,
Nandgaon Khandeshwar, Amravati.

Subject: - Regarding successful organisation of webinar on Rain water harvesting.

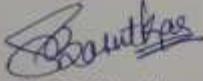
Respected Madam,

We thank you for extending your support in organising the Core programme of Nehru Yuva Kendra Amravati i.e webinar on Rain water harvesting held on 22nd March, 2021.

We are extremely grateful to you for your time, knowledge contribution and efforts taken towards organising the programme.

Thanking You!

Regards,



Snehal Basutkar
District Youth Officer
Nehru Yuva Kendra Amravati
(Ministry of Youth Affairs & Sports)