



Shri. DadapatilRajaleShikshan Sanstha's

**DadapatilRajale Arts, Science and Commerce College Adinathnagar, Tal. Pathardi, Dist.
Ahmednagar**

Green Audit Report

(2020-21)



Prepared by

Green Audit Committee

[Type here]



Shri. DadapatilRajaleShikshan Sanstha's
DadapatilRajale Arts, Science and Commerce College Adinathnagar, Tal. Pathardi, Dist.
Ahmednagar

Green Audit Report


(2020-21)



Prepared by

Green Audit Committee




PRINCIPAL
Dadapatil Rajale Art's Science and
Commerce College, Adinathnagar.
Tal. Pathardi, Dist. Ahmednagar

[Type here]

Our inspiration



Sahakar Maharshi Late Shri DadapatilRajale (Bhau)
Founder of DadapatilRajaleShikshanSansthas, Adinathnagar.

[Type here]

Message



Hon'ble MLA Monikatai Rajiv Rajale

DadapatilRajale Arts, Science and Commerce College, has undertaken the green audit of its campus for the academic year 2020-21. Environment is the important issue in the current era which needs to be maintained properly at every institute which provides higher education. Higher Education Institutes play key role to enhance environmental awareness among the students. Such institutes must encourage and guide students regarding environment. The role of institutes does not end after proper awareness campaign but it should go further by implementing measures to maintain environment in the campus.

Green audit report of the college clearly demonstrates the effects made by the college administration to maintain the greenery in the campus. Their efforts include the tree plantation at the campus in every academic year, preservation of plants and implementation of solar system for the electricity.

Hon'ble MLA Monikatai Rajiv Rajale

[Type here]

Sr No	Content	Page No
1	Introduction	4
2	Environmental Policy of the college.	4
3	Green audit committee	5
4	A- Physical Facilities	6,7
	B- Electrical Bill	7
	C- Electrical appliances	7,8
	D- Environmental Subject Books, Library Book list.	8
	E- Solid waste	8,9
	F- Students and staff strength	9
	G- Various types of awareness programme, celebrations of different days.	9-18
	H- Environment, Campus development, Tree plantation, cleaning committee.	19
	I- Geographical description of the area.	19,20
	J- Letters to AnnasahebKrushividyalaya.	20
	K- Environment Policy	20
	L- Drainage system College and Laboratories.	20
	M- Air Quality Monitoring.	21
	N- Water quality and quantity analysis.	21
O- Noise level Monitoring	21	
	P- Institutional Map	22
5	Letter to Annasaheb Shind Krushi Vidyalaya, Adinathnagar	23,
6	Letter to Dadapatil Rajale College.Adinathnagar.	24
7	Photographs of the campus	25
8	Greenery of the campus	26
9	List of audited plant species	27
10	Methodology	19 to 35
	a- Management of green campus, b - b- Waste disposal management	
	c- E- Waste d-Energy conservation	

[Type here]

Introduction

The Green Audit is an assessment of business in terms of its impact on the environment. Environmental crisis occurs due to rapid Industrialization and Urbanization. To overcome this difficulty, Institute has adopted “The Green Campus” concept for sustainable development.

Shri DadapatilRajaleShikshan Sanstha’s DadapatilRajale Arts Science and Commerce College is affiliated to Savitribai Phule Pune University and recognized by UGC under section 2(f) and 12(B). The College is run by DadapatilRajaleShikshanSansatha, Adinathnagar . It was established by Hon. Late DadapatilRajale, founder of Shri.Vriddheshar sugar Factory. The College is located in rural area. The College has gone through the Assessment from NAAC in 2016 and obtained ‘B’ Grade. The College has initiated ‘The Green Campus program" for environmental protection and sustainability. The main aim of the “Green audit” is to follow the practice of the Institution for developing the Green campus and creating awareness of environment among students and society. It works on different factors including Tree plantation, Waste disposal management, Water conservation, Energy conservation etc.

Environment Policy of the College: -

DadapatilRajale Arts, Science and Commerce College, though situated in rural area, is aware about the Environment. The management, Staff and students participate in tree plantation activity every year.

It is our moral responsibility to preserve and enhance the natural beauty of our campus.

We have decided following environmental policy.

- 1) To promote an awareness of environmental issues within the college and to encourage the college staff, students regarding the environmental matter.
- 2) To minimize the pollution.
- 3) To increase the greenery.
- 4) To create awareness among students and staff about Water conservation.

[Type here]

- 5) To use non-conventional energy.
- 6) Proper mechanism of waste disposal.
- 7) To promote an awareness of environmental issues within the college and to encourage the college staff, students regarding the environmental matter

Green Audit Committee

Members of the Green Audit Committee.

1. Dr. S. R. Bharate, Chairperson
2. Prof. G. B. Lawande, Member
3. Dr. R. P. Ghule Member
4. Prof. Gaikawd D. B., Member
5. Dr. A. R. Chourpagar, Member
6. Prof. C. N. Pansare Member

[Type here]

	Particulars	Quantity
A	Physical Facilities	Quantity
1	Total campus area	9.68 hectare
2	Build up area	58,855.80 Sq. foot
3	Total No. of Class room	16
	Laboratories	12
	Seminar Hall	01
	Seminar Hall with ICT	01
	Classrooms with LCD facilities	10
	Classroom with Wi-Fi/ LAN	10
	Auditorium	01
4	Total Toilets, Latrine's Urinals Toilet types- Western/ Indian	Total Toilets-37(Indian -28, Western- 09) Latrines- 35, Urinals- 46
5	Sweeper No.	01
6	Frequency Cleaning (College)	Class rooms are cleaning daily. Campus is cleaning fortnight
7	Campus cleaning and garden maintenance.	The campus cleaning and garden (LateDadapatilRajale(BhauSmarak) maintenance was done by NSS volunteers and students of Earn and learn scheme whenever needed. Or from external agencies


[Type here]

8	Total water coolers with capacity	01
9	Storage water tank tap water	01
10	Overhead tank drinkable water- with cleaning frequency	Cleaning of the Drinking tank was done one time in a week
B	Electrical Bill yearly	Rs. 29000/-
C	Electrical appliances	
	Fan	139
	Exhaust Fan	02
	Tube	154
	CFL/ LED Bulb	54
	Focus Bulb	26
	Generator	01
	Bore weal	03
	Refrigerator	04
	Ac	04
	TV	02
	Desert cooler	00
	Compressor (outside ground floor lab)	00
	Water filter	03
	Water Cooler	00
	Open electrometer (Water pumps)	03
	Xerox	03
	Printers	11
	Printer + Scanner	11

[Type here]

	Servers	02
	All lab Instruments	166
	All computers	74+ 02 laptop
	All instruments- Annual maintenance contract	Rs. 275755/-
D	Environmental subject books, Library book list Total + Environment)	Environmental subject books: - 175 Total Books: - 23669
E	Solid waste	The solid waste produced from tree are sold to shop merchant or given to VridheshwarSahakariskarkarakana Ltd. Adinathnagar.
	<ul style="list-style-type: none"> • Paper 	The Newspapers which are stored in the library are sold to shop merchant.
	<ul style="list-style-type: none"> • Exam papers 	The Exam papers from the exam department are sold to paper merchant for paper pulping.
	<ul style="list-style-type: none"> • Plastics 	The plastics collected and stored in the proper places are sold to merchant for further processing.
	<ul style="list-style-type: none"> • Liquid 	Liquid waste are dumped in the pit.
	<ul style="list-style-type: none"> • Solid(Iorn material) 	The solid iron material are sold to scrap merchant.
	<ul style="list-style-type: none"> • Solid/ Liquid chemicals (Expired) 	Solid / Liquid Chemicals (Expired) are properly Dumped in the pits.

[Type here]

	<ul style="list-style-type: none"> E. Waste 	E- waste produced by Computer and Physics department are stored in a particular place.		
	<ul style="list-style-type: none"> Bio medical waste 	The Bio medical waste are not produced in the campus.		
	<ul style="list-style-type: none"> Canteen waste 	Canteen waste are used for Vermicompost.		
F	Students and staff strength	Teaching	Non - teaching	Students
	<ul style="list-style-type: none"> Male 	30	24	739
	<ul style="list-style-type: none"> Female 	14	01	392
	<ul style="list-style-type: none"> Total 	44	25	1131
G	Various types of awareness programmes, celebration of different days			
				
	<p>The Department of Geography celebrated Geography Day</p>			

International Yoga Day on 21st June, 2020.



International Yoga Day on 21st June, 2020.



21st June, 2020 - On the occasion of International Yoga Day, the department has conducted online yoga activity at the State Level. As per the yoga protocol given by the Ministry of AYUSH, the participants were asked to upload photos performing any five asanas. A total number of 119 participants have taken part in this initiative. Each participant has sent an e-certificate by mail

[Type here]



30 June 2020 and 7th July 2020. The Campus Development Committee, N.S.S and Department of Social Forestry, Pathardi Branch (Government of Maharashtra). performed tree plantation activity.



11 August 2020 Tree plantation programme was organized by Campus Development Committee and N.S.S.



11/11/2020: The MLA MonikataiRajale Given Rs. 50000 to The students Monika Temkar. This amount was given on the behaf of student accident Insurance policy of Oriental Insurance company LTD Thane.



• 26/11/2020:-Sawidan Din was celebrated in the College.



04/01/2021: Celebration of Savitribai Phule Jayanti

सशक्त भारताच्या निर्मितीसाठी महापुरूषांचे विचार प्रेरणादायी : आर.वाय.म्हस्के



त्यातूनच सशक्त भारताच्या निर्मितीसाठी प्रेरणा आजच्या तरुण पिढीला मिळेल. स्वामी श्री वृद्धेश्वर सहकारी साखर कारखाना निर्मितीमध्ये स्वर्गीय अण्णासाहेब शिंदे यांनी केलेली मोलाची मदत व मार्गदर्शन याचा आढावा घेतला. तसेच स्वर्गीय सहकार महर्षी भाऊसाहेब धोरात यांच्या जीवनकार्यावर प्रकाश टाकला. याप्रसंगी महाविद्यालयातील डॉ. एन एस तांबोळी, डॉ. जे. एन. नेहल, डॉ. एस. जे. देशमुख, डॉ. आर पी. पुले, प्रा. सुनंदा बडे व महाविद्यालयातील सर्व शिक्षक व विद्यार्थी उपस्थित होते.

या कार्यक्रमाचे आभार राष्ट्रीय सेवा योजनेच्या कार्यक्रमाधिकारी डॉ. साधना म्हस्के यांनी मानले, तर सूत्रसंचालन प्राध्यापिका दरंदले मंडम यांनी केले. या कार्यक्रमाच्या यशस्वीतेसाठी राष्ट्रीय सेवा योजनेचे कार्यक्रम अधिकारी प्राध्यापक आसाराम देसाई, प्राध्यापक अरुलम शंख यांनी परिश्रम घेतले.

पाण्ढी (हिंदूस्तान प्रतिनिधी वजीर शेख यांजकटून):-दादापटील राजळे कला विज्ञान व वाणिज्य महाविद्यालयात 12 जानेवारी राष्ट्रीय युवा दिन निमित्ताने राजमाता जिजाऊ जयंती, सहकारमहर्षी स्वातंत्र्यसैनिक स्व. भाऊसाहेब धोरात यांची जयंती, कृषी क्रांतीचे सेनानी डॉ. अण्णासाहेब शिंदे यांचे पुण्यस्मरण आणि स्वामी विवेकानंद जयंती साजरी करण्यात आली याप्रसंगी श्री शिवाजी विद्या प्रसारक मंडळाचे अध्यक्ष आर वाय म्हस्के सर हे प्रमुख पाहुणे म्हणून उपस्थित होते. या कार्यक्रमाचे प्रास्ताविक महाविद्यालयाचे प्राचार्य डॉ. आर. जे. टेमकर सर यांनी केले. त्यांनी या प्रसंगी स्वराज्य घडविताना राजमाता जिजाऊ यांनी केलेले कार्य, त्याचप्रमाणे भारतीय स्वातंत्र्य लढा सुरू असताना स्वामी विवेकानंदानी तरुणांमध्ये निर्माण केलेली प्रेरणा, तसेच स्वर्गीय अण्णासाहेब शिंदे व स्वर्गीय भाऊसाहेब धोरात यांच्या जीवन कार्याविषयी माहिती सांगितली. या कार्यक्रमाचे प्रमुख पाहुणे आर. वाय. म्हस्के सर यांनी विद्यार्थ्यांना मार्गदर्शन करताना सांगितले की विद्यार्थ्यांनी विद्यार्जन करत असतानाच महापुरूषांचे विचार अंगीकारले पाहिजे

12/01/2021:- The National Youth Festival was celebrated in the college. On this day The celebration of Rajmata Jijabai Jayanti. Swami Vivekanand Jayanti and BhausahabSantujiThorat Jayanti was celebrated.

30/01/2021:- The Punneyathiti of Mahatma Gandhi was celebrated



Dept. of Zoology organizes Eggetarian festival on dated 03/02/2021



[Type here]

- 19/02/2021:- On the occasion of Shivajayanti and Birth day of Hon. MLA MonikataiRajale Dept. of Physical Education Organized District level Chess competition.



20/02/ 2021:- Department of Marathi Celebrated Marathi Day

"Shri. Dadapatil Rajale Shikshan Sansthas"
DADAPATIL RAJALE ARTS, SCIENCE & COMMERCE COLLEGE
Adinathnagar, Tal. Pathardi, Dist. Ahmednagar (MS)

प्राणिशास्त्र विभाग, डॉ. सलिम अली ऑरनिथोलॉजिकल क्लब,
सायन्स असोसिएशन व अहमदनगर जिल्हा निसर्गप्रेमी
तथा जैवविविधता संशोधन व संवर्धन केंद्र
यांच्या संयुक्त विद्येने आयोजित

"एक मुठ धान्य... एक ओंजळ पाणी...
एक रुपया... पशुपक्षांसाठी अभियान"
वर्ष २ रे (२०२०-२०२१)

WORLD SPARROW DAY
20th March
www.worldsparrowday.org

आयोजक

डॉ. राजेश जे. टेमवर
प्राचार्य
प्रा. डॉ. अतुलकुमार धोरपणार
प्रा. विद्यालय विभाग प्रमुख
समन्वयक
प्रा. विकास शिरसागर
प्रा. अनुजा राजळे
प्रा. धर्मेश्वरी मुरळे

28/02/2021: Celebration of Science Day
by Science Association

[Type here]



- 08/03/2021 The inauguration of Students Health camp was done by Sarpanch Hon. MonalitalRajale and Dr.SnealHadke

15/03/2021:- The Economics department performed the programme JagtikGrahak Din

[Type here]

"Shri. Dadapatil Rajale Shikshan Sansthas"
DADAPATIL RAJALE ARTS, SCIENCE & COMMERCE COLLEGE
Adinathnagar, Tal. Pathardi, Dist. Ahmednagar (MS)

WORLD WILDLIFE DAY
3 MARCH

WORLD SPARROW DAY
20th March

Photo Exhibition & Prize Distribution
on 20 March 21

THEME OF THE WORLD WILDLIFE DAY-2021
"FORESTS AND LIVELIHOODS: SUSTAINING PEOPLE AND PLANE"
It is a way to highlight how important forests and ecosystems
they sustain are important for human livelihoods
On this occasion the Department of Zoology & Science Association Organize
STATE LEVEL WILD LIFE PHOTOGRAPHY COMPETITION
Conserve the wildlife through Camera Lens

Scan to participate

Category for Photography:-
Forest, Flora, Fauna, Nature, Wildlife
No Registration Fee
Win Exciting Prizes

Dr. Rajdhar J. Temka
Principal
Dr. Atul R. Chourpaga
Head & Convener
* Organizing Committee
Mr. Vikas S. Kohirsagar
Ms. Anuja V. Rajale
Ms. Dhaneshwari M. MI

https://forms.gle/Da1U1UGh2JW0xk8
Last date to submit the photographs on or before 15 March 2021
Send an Email ID: atulchourpagar@dprcollege.edu.in
Contact: 8398129158; 8459409084; 9373917512; 9822141673

- 20/03/2021:- The Department of Zoology organized First State level Wild Life Photography competition.

पाणां पुरवठा व स्वच्छता विभाग
वरिष्ठ भूवैज्ञानिक
भूजल सर्वेक्षण आणि विकास यंत्रणा
अहमदनगर

फोन क्रं ०२४१-२३२६०९७
०२४१-२३२९९१९
ईमेल- adnagar@rediff.com

जा.क्र वभूवै.भूसर्वि.अह/ता/290/2021 दिनांक: 24 /03/2021

प्रति,
मा. प्राचार्य
दादा पाटील राजळे कला विज्ञान व वाणिज्य महाविद्यालय
आदिनाथनगर
तालुका पाथर्डी अहमदनगर जिल्हा

विषय - जागतिक जलदिना निमित्त प्रश्नमंजूषा आयोजित करण्याबाबत.
संदर्भ - आपले पत्र क्रं /140/२०२१. दिनांक २३/०२/२०२१.

उपरोक्त विषयान्वये कळविण्यात येते की, 22 मार्च अंतरराष्ट्रीय जलदिन, निमित्ताने आपण जो प्रश्न मंजूषेचा कार्यक्रम आयोजित करणार आहात त्याबद्दल आपले अभिनंदन. जल जन जागृतीच्या सर्व कार्यक्रमात भूजल सर्वेक्षण आणि विकास यंत्रणा आपल्या सोबत सहकार्य करेल. आपणास या संदर्भात काही साहित्याची गरज असल्यास आवश्यक कळवावे.

सोबत संचालनालय भूजल सर्वेक्षण आणि विकास यंत्रणा आयोजित "आवो जल जाने" या वेबीनार ची लिंक पाठवत आहे, सदर कार्यक्रमाचा लाभ आपण व आपल्या विद्यार्थ्यांनी घ्यावा. आपल्या पैकी ज्या व्यक्तींना जल जन जागृती बाबत community resource person म्हणून काम करण्याची इच्छा असेल, त्यांना देखील या कार्यालयाशी नि:शुल्क प्रशिक्षणासाठी संपर्क साधण्यास कळवावे.

आपल्या माहितीस्तव अग्रेषीत.

सहपत्र: कार्यक्रम पत्रिका.

A. Katkar.
वरिष्ठ भूवैज्ञानिक
भूजल सर्वेक्षण आणि विकास यंत्रणा
अहमदनगर

• 20/03/2021: The Honour given to Shri Jayram ShrirangSatpute on the Occasion of Worlds Sparrow Day.

दादापाटीलराजळेशिक्षणसंस्थासंचालित
दादापाटीलराजळेकला,
विज्ञानवाणिज्यमहाविद्यालय आदिनाथनगर
प्रधानलयाविभागवर्षाव्यवस्थापनसि. विभागई-
दादापाटील राजळे कला, विज्ञान व वाणिज्य महाविद्यालय
प्रश्नमंजूषासंस्थासंचालित, पाथर्डी, जि. अहमदनगर

23 एप्रिल हा दिवस जागतिक ग्रंथदिन म्हणून साजरा केला जातो.
आज जागतिक ग्रंथदिनाच्या निमित्ताने वाचनाविषयी सज्जता वाढवण्यास आम्ही आम्ही जेलेल्या शुभदिनीच्या जन्मदिनाच्या निमित्ताने आंतरराष्ट्रीय स्तरावर अखंडित प्रश्नमंजूषासंस्थासंचालित आदिनाथनगर (WGS) मान्यता दिलेली असून 'निष्क्रिय रक्ताय-जय' या नामाने ही प्रजाती जगभर ओळखली जाईल.

प्रश्नमंजूषासंस्थासंचालित अंतरावरील संशोधनासाठी आपणास दादापाटील राजळे कला, विज्ञान व वाणिज्य महाविद्यालय, <https://forms.gle/LWZrGpTv39Z5RMvRA> या लिंकवर जाऊन प्रश्नमंजूषासंस्थासंचालित आदिनाथनगर येथे भरून घ्यावी.

प्रश्नमंजूषासंस्थासंचालित आदिनाथनगर येथे भरून घ्यावी.

मेलपाठवण्यात येईल धन्यवाद! डॉ.

दि. २०.०३.२०२१
ठिकाण: आदिनाथनगर

डॉ. राजधर टेमकर
प्राचार्य

• 30/03/2021:-The Department of Economics of DadapatilRajale College and District level Literal Organization Organized " Jal SakshrataPrashnamanjusha."

[Type here]

	On the occasion of Worlds book day The Department of Library prepare Questionary for readers.	
H	Environment,Campus development, Tree plantation, cleaning committee	Dr. S.R. Bharate: Chairman Prof. D. B. Gaikawd Prof. A.H.Desai. Prof. V. B. Bansode Prof. A. G. Agase Mr. N. B. Aher.
I	Geographical description of the area	PathardiTahasil is located to the east of Amednagar district in Maharashtra. It covers the total area is 133725 hectares. It consists of 134 villages. As per 2011population of pathardi tahsil is 258109. Population density is 193 persons per Sq. km. This region is covered under drought prone area according to Government of India. The region is surrounded by hills. The people of

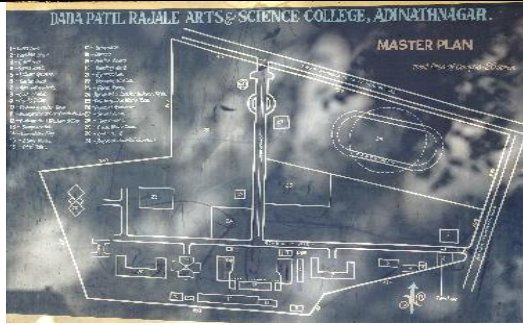
[Type here]

		this region mainly depends on Agriculture, Poultry, Dairy .
21	<ul style="list-style-type: none">• Other land	The soil type of the pathardi tehasil are broadly divided in to four categories namely Shallow soil, medium soil, medium black soil deep black soil reddish soil.
	<ul style="list-style-type: none">• Rain fall	The average rain fall is 579mm.
	<ul style="list-style-type: none">• Geographical location	It is extended up to 18 ⁰ 54 N to 19 ⁰ 13 N latitudes. And 74 ⁰ 54 E to 72 ⁰ 24 E longitude.
J	Letter to Annasahebkrushi	Letter given to Dr.Annasaheb Shinde Krishitantraniketan, Adinathnagar, Tal. Pathardi . Dist. Ahmednagar Ref. No. 2020-21/31 dated 19/08/2020. (Separate sheet is attached)
K	Environment policy	<ol style="list-style-type: none">1) To promote an awareness of environmental issues within the college and to encourage the college staff, students regarding the environmental matter.2) To minimise the pollution.3) To increase the greenery.4) Water conservation.5) Non-conventional energy.

[Type here]

		Proper mechanism of waste disposal.
	Photographs of the campus	Separate sheet is attached.
	Identification of plant species in the campus	Separate sheet is attached.
L	Drainage system college and lab	The liquid waste produced in the laboratories are dumped in soak pits.
M	Air quality monitoring	Our college is situated in rural area and the area is pollution free so in our institution we don't purchase the Air quality monitoring device.
N	Water quality and quantity analysis	<ol style="list-style-type: none">1. The pH of water is measured by chemistry Department.2. The college has 4000L. capacity drinking water tank.3. The college has Farm tanks of 3300000 Litre capacity
O	Noise level monitoring	No vehicle is allowed in the campus, parking shed is located near college gate. Noise level is maintained as per permissible limit.
P	Institution map	The institutional map showing the total area of the campus (26 acres). The different locations are pointed out with the numbers (01 to 31). 01. Gate No. 1

[Type here]



02. Parking shed
03. Canteen
04. Gents Toilet
05. Labour quarter
06. Cattle shed
07. Agri Polytechnic
08. Cycle stand
09. Gents toilet
10. Drinking water tank
11. Management office & principal office
12. Building no. 1 & Administration office
13. Computer lab
14. Laboratory building
15. Store room
16. Girls toilet
17. Generator room
18. Library

[Type here]

रजि. नं. ई ४१३

“श्री दादापाटील राजळे शिक्षण संस्थेचे”

दि. ८/१/१९९९

दादापाटील राजळे कला, विज्ञान व वाणिज्य महाविद्यालय

आदिनाथनगर, ता. पाथर्डी, जि. अहमदनगर - ४१४५०५

फोन : कार्यालय (०२४२८) २४५०९४, २४५४५५

सावित्रीबाई फुले पुणे विद्यापीठाशी संलग्न (आय.डी.नं.: पी. यु./ए.एन./ए. एम./०३९-१९९९) नॅक पुनर्मुखीकरण व दर्जा प्राप्त

वरिष्ठ कॉलेज कोड- २२३, PUNCODE-CAAA018420 परीक्षा सेंटर-११०, क. मा. कोड - जे. १२.०८.००५

E mail : dprc2010@gmail.com

website: www.dprcollege.org.in, www.dprcollege.edu.in

डा. राजधर टेमकर (एम.ए., पी.एच.डी.)
प्राचार्य

मा. आप्पारासाहेब दादाबा राजळे
अध्यक्ष

जावक क्र. : २०२०-२१/३१


दि. १९/०८/२०२०

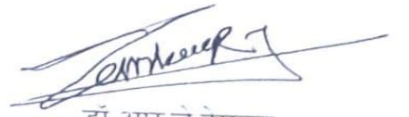
प्रति,
प्राचार्य,
डा. अण्णासाहेब शिंदे कृषि तंत्र निकेतन,
आदिनाथनगर, ता. पाथर्डी, जि. अ. नगर

विषय :- महाविद्यालयातील ओला व सुका कचरा यांच्या प्रक्रियेबाबत..

महोदय,

शैक्षणिक वर्ष २०२०-२१ मधील महाविद्यालयाच्या ग्रीन ऑडिट या संकल्पनेतून महाविद्यालयाचा परिसर अधिक स्वच्छ व सुंदर दिसण्यासाठी परिसरातील ओला व सुका कचराबाबत प्रक्रिया करण्यास सहकार्य मिळावे अशी विनंती आहे.


डा. एस. आर. भराटे
समन्वयक
(परिसर विकास समिती)


डा. आर. जे. टेमकर
प्राचार्य

[Type here]

: विद्या -८/मान्यता / २१२२ / २०००

स्थापना : १८ ऑक्टोबर २०००

महात्मा फुले कृषि विद्यापीठ राहुरी संलग्न
“श्री दादापाटील राजळे शिक्षण संस्थेचे”

डॉ. अण्णासाहेब शिंदे कृषि तंत्र विद्यालय,

आदिनाथनगर, ता. पाथर्डी जि. अ. नगर-४१४-५०५

फोन नं- (०२४२८) २४५४४५ - atsadinathnagar@gmail.com

दि. १२/०९/२०२०

प्रति,
प्राचार्य,
दादापाटील राजळे कला, विज्ञान व वाणिज्य
महाविद्यालय, आदिनाथनगर, ता. पाथर्डी, जि. अ. नगर

विषय :- महाविद्यालयातील ओला व सुका कचरा यावर प्रक्रिया केल्याबाबत..

महोदय,

शैक्षणिक वर्ष २०२०-२१ मधील महाविद्यालयाच्या ग्रीन ऑडीट या संकल्पनेतून महाविद्यालयाचा परिसर अधिक स्वच्छ व सुंदर दिसण्यासाठी तसेच सेंद्रिय कचऱ्याची विल्हेवाट लावण्यासाठी विद्यालयामार्फत प्रक्रिया करून तयार झालेले कंपोस्ट (खत) परिसरातील झाडांना वापरले जाते.

आपला विश्वासू



प्राचार्य

डॉ. अण्णासाहेब शिंदे कृषि तंत्र विद्यालय
आदिनाथनगर, ता. पाथर्डी, जि. अ. नगर

[Type here]

Photograph of the campus



[Type here]

Greenery of the campus



[Type here]

List of audited plant species. 2020-21

Sr. No.	Vernacular Name	Botanical Name	Family	Total
1	Ficus	<i>Ficus benjamina</i> L	Moraceae	55
2	Saptaparni	<i>Alstoniascholaris</i> (L) R.Br.	Apocynaceae	60
3	Sawar	<i>Bombax ceiba</i> L	Bombaceae	40
4	Arjun satada	<i>Terminalia arjuna</i> L	Combretaceae	04
5	Shisham	<i>Dalbergia sissoo</i> L	Fabaceae	140
6	Mango	<i>Mangifera indica</i> L.	Anacardiaceae	66
7	Sapota	<i>Achras sapota</i> L	Sapotaceae	14
8	Neem	<i>Azadirachta indica</i> L	Meliaceae	200
9	Sitaphal	<i>Annona squamosa</i> L	Annonaceae	85
10	Bambu	<i>Bambusaarundinaceae</i> L	Graminae	54
12	Nilgiri	<i>Eucalyptus globulus</i> .	Myrtaceae	47
13	Chandan	<i>Santalum album</i> L	Santalaceae	03
14	Naral	<i>Coccus nucifera</i> L	Palmae	04
15	Ashok	<i>Saraca indica</i> L	Annonaceae	35
16	Areca Palm	<i>Dyopsislutescens</i> L	Areaceae	52
17	Sag	<i>Tectona grandis</i> L	Verbenaceae	70
18	Badam	<i>Anacardium occidentale</i> L	Anacardiaceae	04
19	Chinch	<i>Tamarindusindica</i> L	Fabaceae	27
20	Bor	<i>Zizupusjuzuba</i> L	Rhannaceae	06
21	Umbar	<i>Ficus glomerata</i> L	Moraceae	02
22	Peru	<i>Psidium guajava</i> L	Myrtaceae	20
23	Mosumbi	<i>Citrus limetta</i> L	Citraceae	11
24	Limbu	<i>Citrus limon</i> (L.) Osbeck.	Citraceae	11
25	Dalimb	<i>Punica granatum</i> L	Lythraceae	07
26	Zamia	Zamia		01
27	Rain tree	<i>Albizia saman</i> L	Fabaceae	80
28	Gulmohar	<i>Gmelina arborea</i> L	Verbenaceae	35

[Type here]

29	Karanj	<i>Pongamia glabra L</i>	Fabaceae	43
30	Kasvad	<i>CasiasiamiaL</i>	Caesalpinaceae	33
31	Pimpal	<i>Ficus glomerata L</i>	Moraceae	20
32	Avla	<i>Phylanthusemblica L</i>	Phyllanthaceae	05
33	Parijatak	<i>Nyctanthusarbor-tntis L</i>	Olecaceae	15
34	Cheri	<i>Prunus avium L</i>	Rosaceae	07
35	Mahogani	<i>Swietenia mahagoni</i>	Meliaceae	08
36	Cycas	<i>Cycas circinalis L.</i>	Cycadaceae	08
37	Kanher	<i>Neriun indicum L</i>	Apocynaceae	06
38	Morpanki	<i>Thuja orientalis L</i>	Cupressaceae	67
39	Tagar	<i>Tabermontanadivaricata L</i>	Apocynaceae	08
40	Vad	<i>Ficus bengalensis L</i>	Moraceae	02
41	Shivan	<i>Gmelina arborea L</i>	Lamiaceae	65
42	Shankasur	<i>Caesalpinia pucherima L</i>	Caesalpinaceae	15
43	Vavla	<i>Hiopteleainegrifolia L</i>	Ulmaceae	10
44	Raktachandan	<i>Pterocarpus santalinus L</i>	Fabaceae	02
45	Bhokar	<i>Cordia dichotoma L</i>	Boraginaceae	02
46	Jambul	<i>Cyzygiumcumini L</i>	Myrtaceae	07
47	Shevga	<i>Moringa oleifera L-</i>	Moringaceae	09
48	Santra	<i>Citrus reticulate Blanco</i>	Rutaceae	09
49	Neeli gulmohar	<i>Jacranda mimosifolia</i>	Bignoniaceae	02
50	Christmas tree	<i>Araucaria Christmas</i>	Araucariaceae	02
51	African tulip tree	<i>Spathodeacompanulata</i>	Bignoniaceae	02
52	Australian Babul	<i>Acacia auriculiformis Benth</i>	Fabaceae	02
53	Babul	<i>Acacia niloticaL</i>	Mimosae	06
54	Shrish	<i>Albizia lebeck (L) .Benth</i>	Fabaceae	03
55	Erand	<i>Ricinus Communis L</i>	Euphorbiaceae	02
56	Sonmohar	<i>Peltophorumpterocarpum (DC.) Backer ex K. Heyne</i>	Caesalpinaceae	04
57	Kanchan	<i>Hardwickiabipinnata</i>	Fabaceae	57

[Type here]

58	Palas	<i>Buteamonosperma</i>	Menispermaceae	02
59	Khirni	Manikarahexandra	Sapotaceae	01
		Total		1559

Methodology:-To conduct the green audit of the campus personal observations of the campus, data analysis, recommendations are needed. Followings are the areas for green audit.

- a. Management of Green campus.
- b. Waste disposal management.
- c. E-Waste management.
- d. Energy conservation.

a) Management of green campus.

Green auditing is also known as “Environmental Auditing”. There is a provision of auditing campus in the college. Under the guidance of IQAC the Waste disposal management and Light and Energy committees have been formed for developing and auditing the green campus. For the Committee each member from Dept. of Botany, Geography, Zoology, Chemistry and Computer Science is selected. There are about 1559plants in the college campus.

To create awareness about environment college performed following activities.

DadapatilRajale Arts, Science and Commerce college organizes this activity every year in the month of July. As we know that the world is facing the problems of Global warming due to the increase in pollution. To recover such problems and create awareness about Environment, the Campus Development Committee, N.S.S and Department of Social Forestry, Pathardi Branch (Government of Maharashtra). performed tree plantation activity during academic year 2020-21 between 30 June 2020 and 7th July 2020.

The event was started with warm welcome of guest, Hon. Shekhar SampatDeokarDeokar (Forest officer), , Hon. Secretary J. R. Pawar. , Hon Principal

[Type here]

Dr.SurwanshiYuraj and Prin. Dr. R. J. Temkar. Shri R. Y. Mhaske . All the staff members were present for this function.

After that all the guests along with the principal moved towards tree plantation activity. The very first tree plantation activity was done by Hon. Deokar saheb, Hon . and Chief Engineer Shivajirao Rajale(Chairman CDC).The remaining plantation was done by teaching and non teaching staff of the college and planted 78 plants.

On the Occasion of Birthday 11 August 2020 Hon. Appasaheb Rajale(President of the Institute) This tree plantation activity was done by Dr.S. R. Bharate (Chairman of Campus development) Prof. A. K. Bhor and the N.S.S. programme officer Prof. A. H. Desai , Dr. S.D. Mhaske and Prof Ashlam Shaikh Near about 24 chinch (*Tamarindus indica* L) Plants were planted in college campus. For this programme Hon. R.Y. Mhaske, Shri. Vasantrao Bhagat, Shri Ramnath Pathade, Hon Principal Dr.Surwanshi Yuraj and Prin. Dr. R. J. Temkar all the staff were present for this function. During the year 2020-21Total 102 plants were planted. But due to shot circuit of M.S.E.B. Transformer(D.P.) Near about 53 plants were destroyed. Now the campus consist of 1559 plants.

मा. आ. अप्पासाहेब राजले पा. यांच्या वाढदिवसानिमित्त वृक्षारोपण व मास्क वाटप

📅 August 11, 2020



पाथर्डी - प्रतिनिधी

पाथर्डी तालुक्यातील आदिनाथनगर येथील दादापाटील राजले शिक्षण संस्थेचे अध्यक्ष अप्पासाहेब राजले यांच्या 76 व्या वाढदिवसा निमित्त महाविद्यालयाच्या प्रांगणात वृक्षारोपण तसेच विद्यार्थ्यांना मास्क वाटप करण्यात आले. कोविड-19 च्या पार्श्वभूमीवर कोणताही औपचारिक कार्यक्रम आयोजित न करता महाविद्यालयात विविध प्रकारच्या वृक्षांची लागवड करण्यात आली. तसेच महाविद्यालयात प्रवेशासाठी आलेल्या विद्यार्थ्यांना मान्यवरांच्या हस्ते मास्कचे वाटप करण्यात आले. या कार्यक्रमासाठी श्री वृ.स.सा.कारखान्याचे ज्येष्ठ संचालक सुभाषराव ताटे, माजी मुख्याध्यापक

आर. वाय. म्हस्के, वि.का.सो. चे चेअरमन वसंतराव भगत, श्री रामराव पठाडे, महाविद्यालयाचे प्राचार्य डॉ. राजधर टेमकर तसेच महाविद्यालयातील सर्व प्राध्यापक वृद्ध इतर कर्मचारी उपस्थित होते.



[Type here]



(Tree plantation programme on the occasion of Birthday of Hon. Appasaheb Rajale (President of the Institute))



[Type here]



Tree Plantation programme (30 June to 7 July 2020)

b) Waste disposal management:-

From various sources following type of waste is created.

- Solid waste
- Biodegradable waste.
- Chemical waste
- Plastic waste.

[Type here]

Vermicompost



- **Observations:-** The solid waste produced from tree is sold to shop merchant. The Department of Botany and Zoology produce biodegradable waste during practical work which is used for raw material for vermicomposting. The chemical waste produced by Chemistry Department is disposed by releasing it in the soak peat in a protected zone. Fuming chambers are installed in the laboratories to exhaust the harmful gases. To avoid the misuse of apparatus and chemicals instructions are displayed in Laboratories. Liquid waste is dumped in a soil pits near laboratories. The paper waste produced from Office is sending for paper pulping. One side waste paper is utilized for rough work. Newspaper after reading are collected properly stored in Library and then sold to shop merchant. In campus plastic wastes are produced in small amount are sold to shop merchant along with scrap.

Recommendations:-

1. Whenever required empty bottles in a Laboratory should be reused.
2. Office staffs are suggested to minimize the paper waste as the papers are produced from plant product. This activity is useful to save the forest.
3. Do not throw the important papers in a dust bins, which are send for paper pulping.
4. Place separate Dust bins for Biodegradable waste and non-biodegradable waste separately in a campus. After filling dustbins are empty on proper place.

[Type here]

c)E-Waste:-

E- Waste is hazardous and very dangerous waste to Environment and human health. This waste is produced by computer Department.

Observations: -

As comparison to other waste E-Waste is generated in small amount. In our college these wastes is properly stored scrap room. After decision of management it is sold to E-Waste merchant for recycling

Recommendation.

- 1) Maintain the record of E-Waste.
- 2) Store the E- Waste in separate room and give the name as E- Waste room.
- 3) E- Waste are sold to Scrap merchant.

d)Energy Conservation: - Roof top solar system has been activated in the college campus. The electric need of the college is being fulfilled by the system. College is not depending on MSEB.



Roof top solar system

Recommendation.

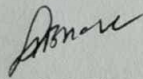
- 1) Prepare monthly report for Energy conservation by electricity committee.

[Type here]

[Type here]

2) Whenever required replace tubes and bulbs by LED bulb and tubes.

We are sincerely thankful to college authority to allow this project and to enter the new era of Green Audit in the College Campus. Further we extend our sincere thanks to the college staff for providing us necessary facilities and co-operation during the audit. This helped us in making the audit, a grand success.

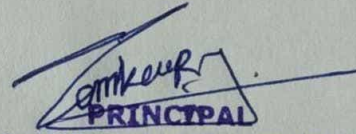


Dr. S.R Bharate

Chairman Green Audit Committee

DadapatilRajale Arts, Science & commerce College,

Adinathnagar



PRINCIPAL

Dadapatil Rajale Arts & Science College
Adinathnagar, Tal. Pathardi, Dist. A'Nagar