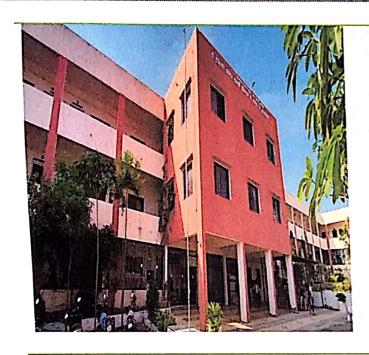




SHRI DHOKESHWAR COLLEGE

Takali Dhokeshwar, Tal. Parner, Dist. Ahmednagar-414304 (Affiliated to Savitribai Phule Pune University).





Title of the Best Practice

GREEN CAMPUS





AHMEDNAGAR JILHA MARTHA VIDYA PRASARAK SAMAJ'S

SHRI DHOKESHWAR COLLEGE

TAKALI DHOKESHWAR, TAL. PARNER, DIST. AHMEDNAGAR-414304 (AFFILATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)

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AHMEDNAGAR JILHA MARTHA VIDYA PRASARAK SAMAJ'S

SHRI DHOKESHWAR COLLEGE

TAKALI DHOKESHWAR, TAL. PARNER, DIST. AHMEDNAGAR-414304 (AFFILATED TO SAVITRIBAI PHULE PUNE UNIVERSITY)

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ABOUT PARENT INSTITUTE



Ahmednagar Jilha Maratha Vidya Prasarak Samaj is one of the oldest& pioneering society / trust which have been promoting education since 1918. The Late Chhatrapati Shahu Maharaj of Kolhapur not only inspired but also financially supported the starting of the society. The progress started with the establishment Late Hutatma Karveer Chatrapati Chavthe Shivaji Maharaj Maratha Boarding in 1918. The Residential High school (earlier named as Tagore High school) was established in 1941. From this period onwards development started at a faster pace.

The main focus of the society/trust has been to provide education to the economically backward community and for the famine stricken and hilly regions. It has established a network of 89 educational units. This includes 12 Higher & Technical colleges, 25 Higher Secondary Schools, 48 Secondary Schools and 4 Primary & Ashram Schools, Law, Engineering, Management, throughout the Ahmednagar district that impart education in various fields like Arts, Commerce, Science, Education Computer Science, Engineering & Hotel Management.

ABOUT COLLEGE

Shri Dhokeshwar College was established in 1994 on an unaided basis with a single faculty of Arts. The very modest objective of founders behind establishing this college in Drought-Prone Area like Takali Dhokeshwar village & its vicinity was to promote education among the deprived classes & especially the girl students, lacking opportunity at a convenient place. It received permanent affiliation in 2004 from University of Pune now called Savitribai Phule Pune University. After completing seven years of its existence

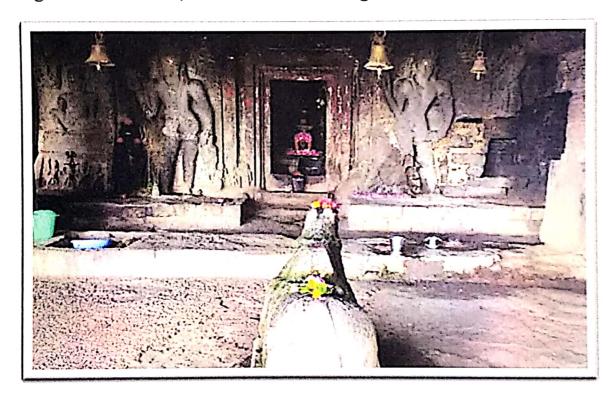
& by giving out excellent results in the University Examination, Govt. of Maharashtra was pleased to extend 100% grant since Academic Year 2000-01. College went through the NAAC accreditation process in 2003. As a result of it at its successive stages new faculties, courses were initiated like Science Faculty in 2008, Travel & Tourism in 2010, and Commerce Faculty in 2013. The

college came to be recognized under 2 F &12 B by the University Grant Commission in 2006. But, due to a change in the name of college it got a new recognition on 14/04/2014. Meanwhile, a ladies hostel was built with support of UGC grants.

The college strives to develop all round personality of students and hence is very keen to provide coaching in curricular, co-curricular, extra-curricular activities. To provide for Whole Man is the objective of our institution. To be very modest, it won't be out of place to say that we have succeeded in achieving this goal to a certain extent.

ABOUT VILLAGE

It is a beautiful ancient Hindu cave temple in the hills near Takli Dhokeshwar village in Parner taluka, 32 km from Ahmednagar. 5th- 6th century AD is the



period of its creation. In front of the main cave hall are two pillars with square tops and two semi-pillars. There is a sculpture of Gajalakshmi on the cave wall. On the wall are sculptures of two gatekeepers holding flowers, the halo behind their heads and the Vidyadhara above them are just visible. Saptamatrika and Ganesha are seen on the south wall of the caves. At the end of them is the image of Virbhadra. In the sanctum sanctorum there is a copper mask with a human face on the Shivling.

Introduction

Shri Dhokeshwar College was established in the year 1994. But as the college did not have a separate building, the college was functioning in the institution's High-school building till the academic year 2015-16. The construction of the new building of the college started in the year 2013 and the college shifted to the premises of the new building on February 2016. The new building of the college is situated near the National Highway 61 at the foothills of Supata hill in Takli Dhokeshwar village. The college is located in a rural and drought prone area. It was a great appeal to create a beneficial environment for the college in a desolate place.

To create an educational environment for the college, it was decided to adopt the best practice of "Green Campus" for five years. The action plan was prepared by the Institute Trustee, Principal, IQAC Coordinator for this work. According to this action plan, the in-charge I/C Principal of the college Mr. Virendra Dhanshetti, Principal Dr. Sridhar Jadhav and present Principal Dr. Laxman Matkar tried to complete the green campus. During the years 2016-17 and 2017-18, trees were planted which are suitable for the drought area and can withstand the environment.

Rain water harvesting, bore recharge, roof water harvesting at one place were done to solve the water shortage in the area. In order to save electricity, off grid and on grid non-conventional energy source solar projects have been started in the college. Many activities have been implemented from the academic year 2016-17 to 2021-22 to create an educational environment in the college premises. The head of this activity is using solar energy in the college, planting and preserving various trees and plants by land-scaping, taking environmental supplementary activities in and outside the area, Some special activities have been completed in the college during this period. Various activities like innovative botanic garden, cultivation of medicinal plants, vermicomposting project, rain water harvesting project, rock beautification, installation of cement benches for students to sit in the area after collecting funds, lotus-lily neck have been implemented. All participants have worked together in this best practice.



Best Practice I

1. Title of the Practice: GREEN CAMPUS

2. Objectives of the Practice:

- To avail, of various species of plants on the college campus, one can have quick and easy access to them.
- To create a healthy and conducive physical environment for learning.
- To enhance the beauty of the campus and conserve the trees during drought conditions.
- To increase awareness of the environment among the stakeholders.

3. The Context

It was necessary to cultivate the college plant. To do this, the Department of Botany reconstructed the Botanical Garden. It is our duty to develop green campuses where environmentally friendly practices can be promoted.

4. The Practice

- All stakeholders were participated year wise in various activities as following details.
- In the academic year, 2017-2018 Solar Power proposals were submitted to Savitribai Phule Pune University, Pune. Tree Plantation with the help of NGO Amhi Takalikar and Forest Department.
- In the academic year, 2018-2019 Shed-Net house was built for Vermicomposting Ornamental, Flowering, and Medicinal plants. This shed net is in use for Plant Propagation purposes.
- In the academic year, 2019-2020 10 kW on-grid Solar Power Plant was installed. A water storage tank of one lakh liter capacity was built near the Ladies' Hostel.
- In the academic year, 2020-2021 5 kW off-grid Solar Power Plant was installed for the Ladies' Hostel. Lotus and Lily Garden developed behind the Ladies' Hostel through donations from NGO named Anandsindhu. The College introduced an environment-friendly beekeeping course in the college.
- In the academic year, 2021-2022 Rain Water Harvesting Project, Medicinal Plant, and Botanical Garden were completed. Benches for students sitting arrangements are made available through donations from local eminent people and institutions.

5. Evidence of Success

Well-developed Botanical Garden.

- A water tank was built to collect water from the terrace of the college.
- Some trenches were dug in front of the building to prevent erosion.
- An integral aspect of education is the aesthetics of the environment. The
 college has been able to create a conducive physical environment that supports
 and encourages learning temperament. Varied color plants, herbs, and flowers
 in all seasons have enhanced the beauty of the campus.
- Green trees offer a respite from the normal learning environment. Students in their spare time can be seen studying, discussing, and taking a rest in the shed of trees.
- The green campus has added to students' interest and attention to environmental issues. They have become aware of their role in the press Erving environment.
- The green campus has contributed to reducing global warming.

6. Problems Encountered and Resources Required

- The college is situated on a barren hill slope. The soil is infertile. Besides, this region is in a drought area. It rains less. Manpower and water management are essential for plant growth and preservation. Due to the lack of rainfall in the academic year 2019, it was difficult to grow and nurture trees in drought conditions.
- During the covid 19 pandemic situation it was a very tough task to preserve flora and fauna developed on a college campus, but with the help of drip irrigation and a water storage tank, it made it possible for us to irrigate.

7. Optional Notes

The college is situated on a barren hill slope. The soil is infertile. Besides, this region is in a drought area. It rains less. Manpower and water management are essential for plant growth and preservation. Due to lack of rainfall in academic year 2019, it was difficult to grow and nurture trees in drought conditions.



Ahmedragan Jilha Martha Vidya Prosarak Samaj's

SHRI DHOKESHWAR COLLEGE.

Takali Dhokeshwar, Tal. Parner, Dist. Ahmednagar-414304 (Affiliated to Savitribai Phule Pune University)

Report

Best Practice: Green Campus

(Academic Year: 2016-2017)

Shri Dhokeshwar College shifted to the new building in February 2016. The college is spread over an area of about four and a half acres and is situated on the side of the Supata hill Nagar-Kaylan National Highway 61 at Takli Dhokeshwar village. As this area is desolate and hilly, there was a great appeal to the college administration to build it in a green campus.

A NSS special camp with 100 volunteers was conducted on January 4 to 12, 2016 to create an educational environment in the college. The Bhumipoojan of this special camp was performed by former MLA and Vice President of Ahmednagar District Maratha Vidya Prasarak Samaj Nandkumar Zaware. The then Principal Shivaji Devde, In-charge Principal Sudhakar Shinde, IQAC Coordinator Virendra Dhanshetty, student welfare officer, NSS officer planned and took the following actions and did work in the year 2016-17.

- 1. To carry out natural landscaping for planting trees.
- 2. Planting wild trees in the area.
- 3. Work did by through all stakeholders.

Curinary

Co-Ordinator
IQAC
Shri Dhokeshwar College
Takali Dhokeshwar

PRINCIPAL
Shri. Dhokeshwar College
Takali Dhokeshwar
Pamer, Dist. Ahmedyapar



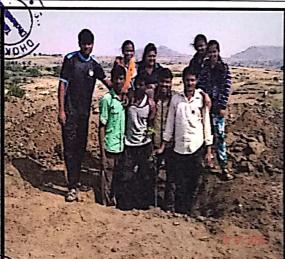
Honorable vice president of A.J.M.V.P. Samaj's Nandakumar Zaware patil Beginning work of Green Campus. With principal S. A. Devade, Adv. Nana Khilari, Sarapanch Gitaram Walunj, Mr. Ashok



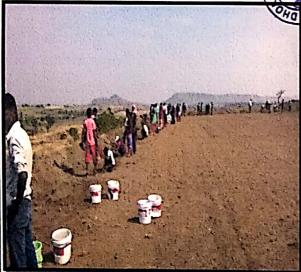
The Bhumi Poojan of this special NSS camp opening ceremony. Felicitation of Program Officer Mr. P. M. Gavit by Principal S. A. Devade.



Shramdan of NSS Volunteers



tudents digging stones to plant trees



Students digging patechs to plant trees



Students with teacher digging patch to plant trees



Ahmednagar Jilha Martha Vidya Prasarak Samaj's

SHRI DHOKESHWAR COLLEGE.

Takali Dhokeshwar, Tal. Parner, Dist. Ahmednagar-414304 (Affiliated to Savitribai Phule Pune University)

Report

Best Practice: Green Campus

(Academic Year: 2017-2018)

In the academic year 2017-18, the newly appointed Principal Dr. Sridhar Jadhav made special plans for the Green Campus.

Activities

- 1. Worked with a social service group from Takli Dhokeshwar village.
- 2. The college took the government forest officers and the villagers to conduct a tree plantation program at the hands of Sarpanch Poptrao Pawar of Adarsh Gaon Yojana and Chairman of Parner Panchayat Samiti Rahul Bhaiyya Zaware.
- 3. A proposal for solar energy was submitted to the university to make the college premises a green campus.
- 4. Various trees and plants were planted along the main building and on the road side.

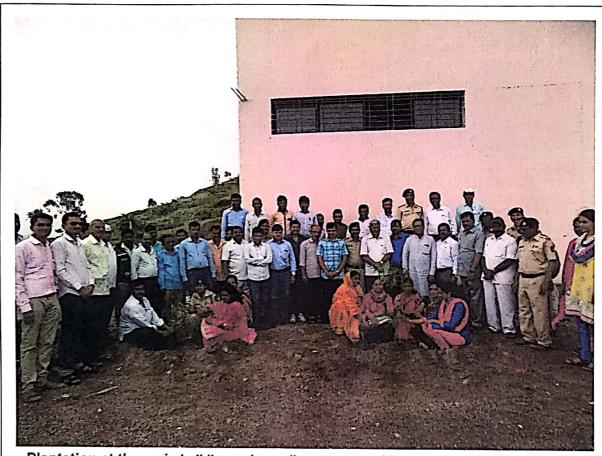
5. The college proposed to Savitribai Phule Pune University for solar power.

Co-Ord**IQA**Gr IQAC

Shri Dhokeshwar College Takali Dhokeshwar

Tal. Parner, Dist. Ahmednagar

PRINCIPAL Shri. Dhokeshwar College Takali Dhokeshwar Pal. Parner, Dist. Ahmednagar



Plantation at the main building and on college Campus with Z. P. Membar Kashinath Date
Panchayat Samitee Sabhapati Rahul Zaware, Sarapanch Mrs. Sunita Zaware, Amhi
Takalikar Group And Forest Department



Plantation at main building and on the road side



Plantation at main building and on the road side with Popatrao Pawar And Amhi Takalikar Group



Students with teacher diaging stones to plant trees



अदयवनगर जिल्हा मगठा विद्या प्रतारक सनाजारे श्री ढोकेश्वर कॉलेज, टाकळी ढोकेश्वर

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Ta-29/05/2017

yfa, उपकुलसंबिव, नियोजन व विकास विमाग, ्रस्तिनीबाई पुले पुगे विदयार्पाठ, गगेत्रासिंह पुणे -7

विषय- गुणश्रत्मा मुधार योजनेअंतर्गत सौर उर्जा ठपवरणे इ. अर्थवाहरम्यागर्छ प्रस्तव सदर इ.एगेजस्त ...

संदर्ध-सफरुवि /निविधि/793 दिनांब-23/08/2017 परिपायानुसार

बरील विवचान्यवे ,आर्थिर वर्ष 2017-18 मध्ये गुणवला सुमार योजनेअंतर्गत स्टेर उर्ज उपस्टागे ह. अर्जसहाय्यसती प्रस्तव्य साहर कवित आहे.तसेच बृच्दैत दर्शवलेली कागदचे चोडलेली आहेत, कृषण स्पितत्र स्ताव व पोहच मिळलपी ही चिनेती.

आपला विद्यात्



The college proposed to Savitribai Phule Pune University for solar power.

MARKET STATES OF THE PROPERTY OF THE PROPERTY



Savitribai Phule Pune University

Planning And Development

for Enuncial antivarce for Riotop Sela: System during the financial year 2017-16

	Name of the College/ Institute	÷	Shir Etickershwar Middentsfranze			
(b)	Address in Details	÷	You Takati Diskenhow Ti: Farner Dist: Abmedrage Piscode: 41 4004			
(c)	Telephone No		02458 2524.4			
(d)	Email		ucellage@grizt.com			
(e)	District	_	AHMEDNAGAR	(7)	act Affiliation letter	
2.	Affiliated to Savkribal Plule Pane University		to.	Cepy)	ice Amaion icid	
I.	Name of the Principal/Director		Striffur Shaskar Juffan			
_	Mobile No:		9396113485			
	Principal Director Approved?		Yes-Permanent	Cepv	lease actach approvad	
1.	Whether accredited by NAAC/NBA	:	NAAC Grade B	-	ene at act Copy)	
S .	Whether AISHE DCF-II & M IS Information Uploaded:		Yet C-41809 2016-17-2017		Please attack Copy)	
5 .	Annual Report Information Given to University (Pervious Academic Year 2016-17)		Yo	acknow les		
7.	Last Year QLP. Sanctioned Grant Utilized	1	Ne	Clarificat	iff ,'No' Please attach Letter of Clarification)	
I.	University All types of contribution to Student Wolfars Fund, Sports, Administration Frontia Affiliation fee, etc. paid by college. Institutes		Yes		ease attach Copy)	
9	Is the College Institute in Tribal Area?	1	No	Tribal ar	(if 'Yer' Please attack Copy of Tritial area college certificate of cancers authority)	
12	Preposed Roulton Area (Sq.Ft)	T	200SQFT9EVA			
(2)	PV Type of system & kw *	1	Hyteid			
(b)		1	53010C00			
(e)	Net amount required Es.	1	(DEAXX (00)			
11.	Is the College ceclared fit to receive grants under section 12(B) of UCC Act.	-) no		lezse atach Copy)	
12	Details of Pervious sanctioned grant attach Copy of Sanction Letter 1	Letails of Persons sanctioned great by University for Construction Civil work (Piezer artach Copy of Sanction Letter)				
-	Year of Sanction (Date & Letter No.)	Name of Cent	netion	Assunt		
-	01/07/2007 00	_	NA.		0.00	

The college proposed to Savitribai Phule Pune University for solar power.



Ahmednagar Jilha Martha Vidya Prasarak Samaj's

SHRI DHOKESHWAR COLLEGE,

Takali Dhokeshwar, Tal. Parner,
Dist. Ahmednagar-414304
(Affiliated to Savitribai Phule Pune University)

Report

Best Practice: Green Campus

(Academic Year: 2018-2019)

During the academic year 2017-18 Principal Dr. Sridhar Jadhav IQAC Coordinator Anil Kale, NSS Program Officer planned the following activities for Green Campus. Work completed through student teachers.

Activities

- A horizontal wall was built on the slope in front of the main building of the college.
- 2. Made space for lawns there. Also, palm, Ornamental plants, adults, and various vines were planted there.
- 2. Prepared Shed-Net House for botanical garden.
- 3. Trees like Neem, Kanchan, Gulmohar, Tamarind, Banyan tree, Pimple etc. were planted on the slope in front of the building.
- 4. Front of the botanical garden planted different types of Hibiscus.

Criterion VII

Shri Dhokeshwar College Takali Dhokeshwar Tal. Parner, Dist. Ahmednagar PRINCIPAL Shri. Dhokeshwar College Takali Dhokeshwar Tal. Parner, Dist. Ahmednagar 1. A horizontal wall was built on the slope in front of the main building of the college.



A horizontal wall was constructed on the slope in front of the smain building of the college.

Students at work



A horizontal wall was constructed on the slope in front of the main building of the college.

Students at work





NSS Volunteers Work

NSS Volunteers Work



Plantation at right side main building



Plantation at road site



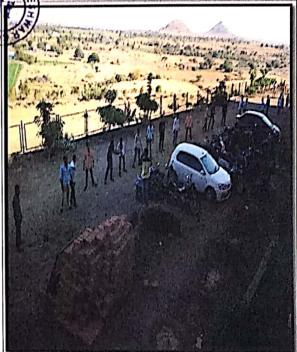


Plantation at playground - I slop

Plantation at main building



Plantation at main building and near to shed net house.



Plantation at main building and roadside

2) Botanical Garden Shed Net House 25 x 50 1250 Sq.

A shade net house was a structure that is framed and made using materials such as wood or bamboo, pipes and iron. Now, this shade net house structure is covered by a net which is referred to as a shade net. Hence, the name – shade net house. But, this net is not just any ordinary net. It is one which is made of a 100% Polyethylene and the threads are specialized to stabilize the incoming UV radiation. These shade nets not only act as climate controllers and stabilizers but also act as a protective shield against birds and pests. Shed net provide materials that are also non-hygroscopic and hence, fungus resistant. Plus, the shade nets are made from high density polyethylene and are therefore, very strong and durable.

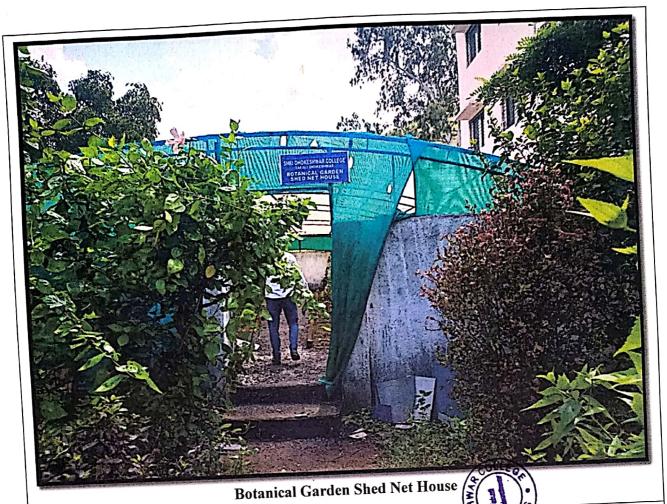
In the market now, there are also a variety of different shade percentages in which the shade nets are available. These different percentages to choose from are – 15%, 35%, 40%, 50%, 75% and 90%. What these percentages determine is how much percentage of light intensity that particular shade net will be able to cut down. For example, a shade net with a 50% factor will be able to cut down 50% of the light intensity. These factors are very important and have multiple uses in different scenarios. So, as per each plant's requirement, it is important to choose the right percentage of shade net. Each plant has a different requirement for sunlight and shade. So, depending on what kind of plant or flower you want to grow in your shade net house, the percentage great depends. It is very important to choose the right percentage to make optimum utilization of the particular shade net and enhance the plant's productivity.



Shade Net Houses are useful in multiple ways, depending on what they are meant for.

- Usually, they are primarily useful to protect crops such as corn, tomatoes or peppers from various conditions that may inhibit growth such as too much sun or not enough heat.
- They also increase crop yield because of their ability to extend certain growing seasons,
 enabling farmers to grow more in less time.
- Shade net houses are often used by agribusinesses. That specialize in producing large quantities of one product for distribution purposes.
- Shade Net Houses provide an effective solution for growing tomatoes without harming them with too much light.
- Shade net houses are commonly helpful in agriculture to prevent over-heating of crops.
- They're also used in poultry rearing, dairy farming, fisheries and aquaculture systems.













Plant List

Sr.No	Botanical Name	Common name	Name of Family
3.Ornam	ental plants		
1.	Heliconia rostrata	Lobster-claws,	Heliconiaceae
2.	Nephrolelis cordifolia	Fish bone fern	Nephrolepidaceae
3.	Codiaeum variegatum	Croton, Josephs coat	Euphorbiaceae
4.	Crassulla ovata	Jade plant, Lucky plant, money plt.	Çrassulaceae
5.	Allium schubertii	Ornamental onion plant	Amarydiaceae
6.	Equisetum hyemale	Horstail,Scouring rush	Equisetaceae
7.	Hypoestes phyllostachya	Polka dot plant	Acanthaceae
4.Flower	ring Plants		
1.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
2.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
3.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
4.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
5.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
6.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
7.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
8.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
9.	Rosa ribiginosa Sp. (indiaca)	Rose	Rosaceae
10.	Heliconia Rostrata	Lobster-claws,	Heliconiaceae
5.Ornam	nental plant s		•
1.	Schefflera arboricola	Dwarf-umbrell tree	Araliaceae
2.	Graptophyllum pictum	Tricolor caricature	Acanthaceae
2.		plant	
3.	Dracena refleaxa	Song of india/	Asparagaceae
4.	Caladium bicilor	Heart of Jesus,	Araceae
		Elephant ear	
5.	Calathea concinna	Prayer plant	Marantaceae
6.Medici	inal Plants		
1.	Kalanchoe pinnata	Air plant, Miracle leaf,	Crassulaceae
2.	Oscimum Sanctum	Tulsi,	Lamiaceae
3.	Plectranthus amboinicus	Indian mint	Lamiaceae

4.	Chamaecostus cuspidatus	Insulin plant	Costaceae
5.	Piper betile	Betel vine	
6.			Piperaceae
	Schefflera arboricola	Drarf umbrella tree	Araliaceae
7.	Mimosa pudica	Senitive plant	Mimoseae
7.Angiospe	ermic Plants		
1.	kora chinensis	Chinese ixora	Rubiaceae
2.	txora chinensis	Chinese ixora	Rubiaceae
3.	Ixora chinensis	Chinese ixora	Rubiaceae
4.	Ixora chinensis	Chinese ixora	Rubiaceae
5.	Luora chinensis	Chinese ixora	Rubiaceae
6.	Jasminum sambac	Arabian Jasmin	Oliaceae
7.	Tabernaemontana divaricata	Tugger flower	Аросупасеае
8.	Hibisaus Sp.	Hibiscus	Malvaceae
8.Plant pro	opagation Area	F	
9.Flowerin	ng Plants		
1.	Rosa Indiaca sp.	Rose	Rosaceae
2.	Rosa Indiaca sp.	Rose	Rosaceae
3.	Rosa Indiaca sp.	Rose	Rosaceae
4.	Rosa Indiaca sp.	Rase	Rosaceae
5.	Rosa Indiaca sp.	Rose	Rosaceae
6.	Rosa Indiaca sp.	Rose	Rosaceae
7.	Rosa Indiaca sp.	Rose	Rosaceae
8.	Rosa Indiaca sp.	Rose	Rosaceae
9.	Passiflora incarnata	Passion flower	Passifloraceae
10.	Passiflora incarnata	Passion flower	Passifloraceae
10.Climbe	r and flowering Plants	**	,
1.	Aristolochia grandiflora	Duck Flower	Aristolochiaceae
2.	Polyanthes tuberosa	Gulchadi	Agavaceae
3.	Tagetes erecta	Marigold	Asteraeae
4.	Passiflora incarnata	Passion flower	Passifloraceae
5.	Passiflora incarnata	Passion flower	Passifloraceae
6.	Passiflora incarnata	Passion flower	Passifloraceae
7.	Tagetes erecta	Marigold	Asteraeae
8.	Tagetes erecta	Marigold	Asteraeae
9.	Tagetes erecta	Marigold	Asteraeae
10.	Tagetes erecta	Marigold	Asteraeae
1		(10)	





Ahmednagar Jilha Martha Vidya Prasarak Samaj's

SHRI DHOKESHWAR COLLEGE,

Takali Dhokeshwar, Tal. Parner,
Dist. Ahmednagar-414304
(Affiliated to Savitribai Phule Pune University)

Report

Best Practice: Green Campus

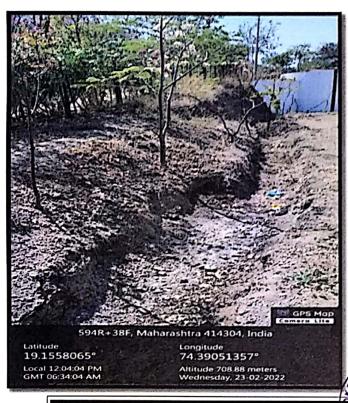
(Academic Year: 2019-2020)

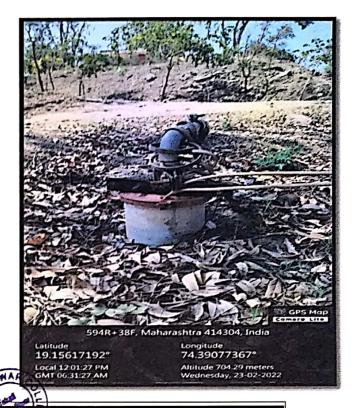
In the academic year 2019-20, Principal Dr. Laxman Matkar IQAC Coordinator Anil Kale, NSS Program Officer, Student Development Officer planned the following activities for the Green Campus. Work completed through student teachers.

- 1. on grid solar plant installed on the main building. An agreement was made with Mahavitran Power Company.
- 2. Construction of canteen in college campus is completed. It was inaugurated by Trustee
- 3. Proposed solar power to parent institution for women's hostel.
- 4. For bore recharge, trenches are dug and piped.
- 5. Steps were constructed in front of the main building.

Criterion VII

Shri Dhokeshwar College Takali Dhokeshwar Tal. Parner, Dist. Ahmednagar PRINCIPAL
Shri. Dhokeshwar College
Takali Dhokeshwar
Tal. Parner, Dist. Ahmednagar



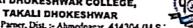




Construction of canteen in college campus is completed. It was inaugurated by Trustee



SHRI DHOKESHWAR COLLEGE,



Tal:- Parner, Dist.:- Ahmednager, 414304 (M.S.: 9(04) 02488-222414 (Fau) 02488-282800 MAAC ACCREDITED *8"GRADE

Dr. Edri. Languages Shrekar Maria

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Email: <u>tocollege-flormal com</u>
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d No.Pulanostrissa

Reference No.1 * 5/2029-2021

Date: 3º 1 2 12020

ASSETS CERTIFICATE

It is consisted that inventories of permanent or semi-permanent insets created / sequired whally or mainly out of the grant given by the the Soviethiai Phale Pane University for Sultr Operid-Ranthop PV Sultr System - 10 KW

(מכינים לה קשוטה)

are being maintained in the presembed form and are being kept upon date.

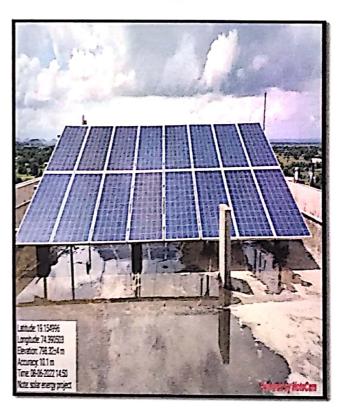
Name & Signature (with Seal)
Principal Director
PRINCIPAL
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Vol. Parmer, Dist. Abmediagar



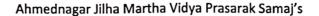


S.V. Gurjar and Co. (2)
Control Accustors
It Value Co.A. Remediator
1000 Co.A. Co.A.

On grid solar plant installed on the main building









SHRI DHOKESHWAR COLLEGE,

Takali Dhokeshwar, Tal. Parner,
Dist. Ahmednagar-414304
(Affiliated to Savitribai Phule Pune University)

Report

Best Practice: Green Campus

(Academic Year: 2020-2021)

The academic year 2020-21 faced some difficulties due to the outbreak of Covid-19.

Principal Dr. Laxman Matkar IQAC Coordinator, NSS Program Officer, Student Development Officer planned the following activities for the beautification of the college and green campus. Those works were successfully completed in this period.

Activities

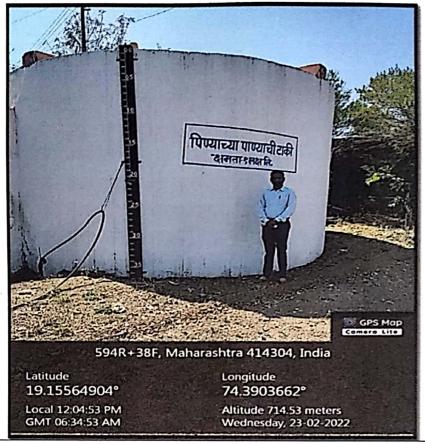
- A water tank with a capacity of 1 lakh liters was constructed to store the water on the roof
 of the college.
- 2. Planted trees for beautification of the college.
- 3. 5 KW off grid solar installed for women hostel.
- 4. Alumni Contribution By Planting of Various Plants.
- 5. Plantation At the occasion of Inauguration Programme.
- 6. Establishment of 'Water Lily and Lotus Garden' Behind The building of Girl's Hostel.

Criterion VII

Shri Dhokeshwar College Takali Dhokeshwar

Tal. Parner, Dist. Ahmednagar

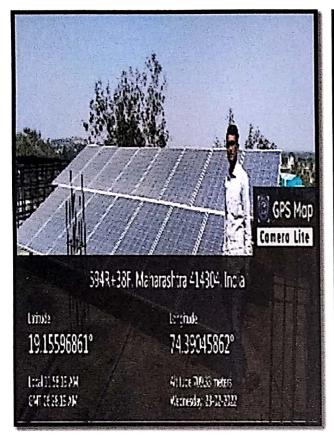
PRINCIPAL
Shri. Dheiteisinal College
Takali Dhokeshwar
Tal. Parner, Dist. Ahmednagus

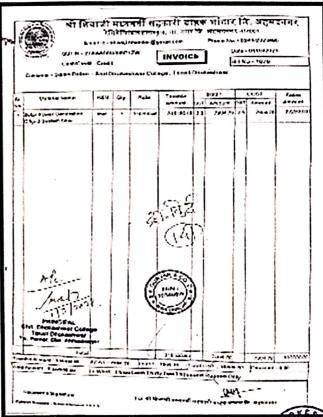


1. A water tank with a capacity of 1 lakh liters constructed to store the water on the roof of the college.



2. Plantation of donated Cycas trees for beautification of the college.





3. Establishment of Solar System on the Roof of Main Building of College and Building of Girl'_Hostel



4.Plantation on Alumni ceremony in an Educational year 3/7/ 2020

1. Establishment of Lotus and Water Lily Garden

A) INTRODUCTION

Sri Dhokeshwar College has an innovative lotus and lily garden. lotus and lily garden has been prepared under the guidance of the Head of Botany Department, Principal of the College, and Prof.Igae Madam. A space has been planned for a lotus garden beside the ladies' hostel premises. Some prominent people of Takali Dhokeshwar village have contributed financially for Garden. In the garden, various kinds of lotuses and lily has planted in cement tanks.

1. Water Lily

In gardens, water lilies have found a natural home. They bloom most profusely during summers in North India (when several other, less sturdy flowers are known to perish), and are the perfect water plant for a novice gardener. Unlike lotuses, they do not require deep water. Depending on the variety, they can even be grown in shallow cement pots which are just 18 inches in depth. Unlike the lotus, their leaves float flat on the water's surface. Water lilies require no turbulence in the water and need sunlight for at least six hours.

The flowers are available in two types – hardy and tropical. The latter includes the viviparous type, where propagation occurs from leaf nodes. The former are easy-care varieties and are perfect for the week-end gardener. Most Indian gardens other than hill-stations are suited to tropical varieties as well, which do not do well in winter, in areas where the water freezes over. These are all grouped under the genus *Nymphaea*, and are further divided into named varieties according to colour.

Most species of water lilies have rounded and variously notched waxy-coated leaves on long stalks that contain many air spaces and float in quiet freshwater habitats. The stalks arise from thick fleshy creeping underwater stems that are buried in the mud. The showy fragrant solitary flowers are borne at or above the water surface on long stalks that are attached to the underground stems. Each cuplike flower has a spiral arrangement of its numerous petals.

2. Lotus

Nelumbo nucifera, also known as sacred lotus, Laxmi lotus, Indian lotus or simply lotus, is one of two extant species of aquatic plant in the family Nelumbonaceae. It is sometimes colloquially called a water lily, though this more often refers to members of the family Nymphaeaceae. The roots of lotus are planted in the soil of the pond or river bottom, while the leaves float on the water's

surface or are held well above it. The flowers are usually found on thick stems rising several centimeters above the leaves. The leaf stalks (petioles) can be up to 200 cm (6 ft 7 in) long, allowing the plant to grow in water to that depth, The peltate leaf blade or lamina can have a horizontal spread of 1 m (3 ft 3 in). The leaves may be as large as 80 cm (31 in) in diameter, while the showy flowers can be up to 30 cm (12 in) in diameter, but fourteen inches (35 centimeters) has been frequently reported. Some cultivated varieties have extraordinary numbers of petals. For example, the Chinese variety Qian Ban Lian ("Thousand Petals Lotus") can have between 3000 and 4000 petals in a single blossom and the Japanese variety Ohmi Myoren ("strange lotus"), can have between 2000 and 5000 petals, the greatest number recorded for any species of plant.

Fertilize your plants with tablets that you press into the soil around the plant. Do not fertilize directly into the water, as you will change the pH of the water and harm both plants and fish. Fertilize plants once a month. Tropical waterlilies are heavy feeders and should be fertilized generously throughout the growing season.



Establishment of Lotus and Water Lily Garden (2020-2021)





Establishment of Lotus and Water Lily Garden (2020-2021)





Ahmednagar Jilha Martha Vidya Prasarak Samaj's

SHRI DHOKESHWAR COLLEGE,

Takali Dhokeshwar, Tal. Parner,
Dist. Ahmednagar-414304
(Affiliated to Savitribai Phule Pune University)

Report

Best Practice: Green Campus

(Academic Year: 2021-2022)

In the academic year 2021-22. Principal Dr. Laxman Matkar, IQAC Coordinator, NSS Program Officer, Student Development Officer planned the following activities for the beautification of the college and green campus. Those works were successfully completed in this period.

Activities

- 1. Planted trees for beautification of the college.
- 2. Establishment of medicinal garden in front of main building.
- 3. Establishment of botanical garden beside the girl hostel.
- 4. Alumni Contribution by Planting of Various Plants.
- 5. Plantation At the occasion of Inauguration Programme.
- 6. Rain water harvesting project completed

Criterion VII

Shri Dhokeshwar College Takali Dhokeshwar Tal. Parner, Dist. Ahmednagar PRINCIPAL Shri. Dhokenhyar College Takali Dhokeshwar Tal. Parner, Dist. Ahmednagar

1. Medicinal Garden-

A) INTRODUCTION

Throughout whole life health is very important for human beings as well as for all the living things.

As a Soul among the various varieties of plants medicinal plants have huge uses to treat various diseases.

The herbal products today symbolize safety in contrast to the synthetics that are regarded as unsafe to human and environment. Although herbs had been priced for their medicinal, flavouring and aromatic qualities for centuries, the synthetic products of the modern age surpassed their importance, for a while. However, the blind dependence on synthetics is over and people are returning to the naturals with hope of safety and security. Over three-quarters of the world population relies mainly on plants and plant extracts for health care. More than 30% of the entire plant species, at one time or other, were used for medicinal purposes. In India, drugs of herbal origin have been used in traditional systems of medicines such as Ayurveda, Unani and Siddha since ancient times. The drugs are derived either from the whole plant or from different organs, like leaves, stem, bark, root, flower, seed, etc. Some drugs are prepared from excretory plant product such as gum, resins, and latex.

A medicinal plant garden covering a total area of 2700sq. ft has been developed at the College campus. The garden maintains a live collection of over 50 species of different medicinal and aromatic plants. The garden a variety of medicinally important herbs, shrubs and trees spread in a well-defined area.

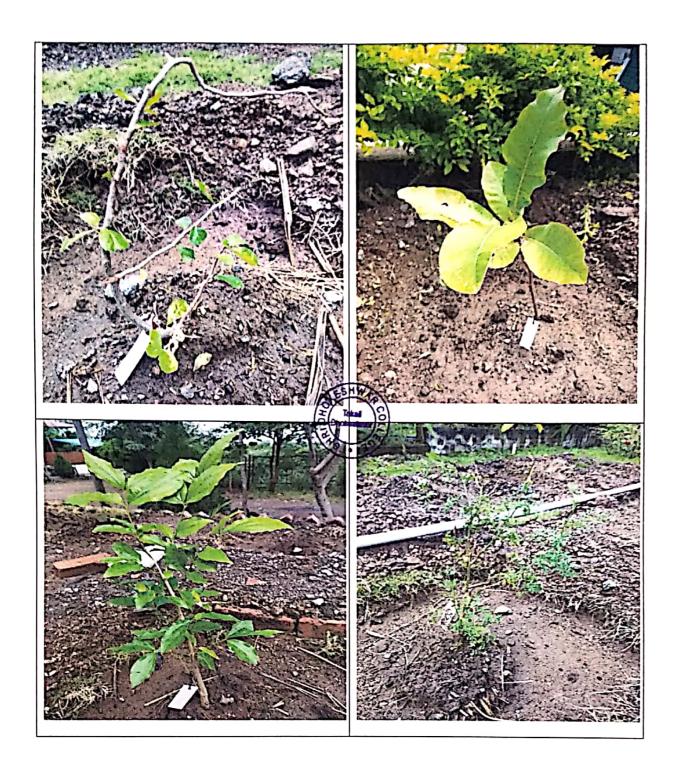
The College has a well-maintained Medicinal Plant Garden. It has 60 of different varieties of medicinal plants tagged with their biological nomenclature. The medicinal plants garden is unique in that almost every one of the species of plants and herb with a long history of use in folk tradition. Garden is equipped with irrigation facilities like drip and sprinkler.

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This garden is currently on the left side of the office and in front of the college. There is an adequate irrigation facility in this garden. A total of 60 medicinally important plants were planted in the garden. In the centre of garden Cycas has been planted; Around the Cycas white and pink colour button rose plants have planted in ring like manner.

Objectives of Medicinal Plant of College:

- To enable the students and teachers to be aware of the various herbal plants grown in their college, to be able to identify the various plants and to understand the economic and medicinal uses of these plants.
- Develop the creativity of student by research and education in this aspect and reinforce the message of protection and care for the plants.
- 3. To achieve a cleaner and Greener Environment in and around their College campus.
- 4. To create awareness about the use of medicinal plants among students, teachers and local community.



2. Botanical Garden

A) Introduction

In institute type of conservation botanical garden of Shri Dhokeshwar college, Takali Dhokeshwar has been playing an important role from an educational year 1994 to conserve and maintained various species of plants out of their natural habitat. From 28 years this college has been doing worship of nature in such a good way.

In a status about more than 125 different species of plants are cultivated. All these species have an economical, medicinal, ornamental and researcher view and values. Plants are grown according to their different habitats. Out of them some are an xerophytic plants, and few are terrestrial plants. Through the way of botanical garden plants are maintained in their original condition though different abiotic factors are affecting flora and fauna around them during all the seasons. By studying and environmental factors such as fertility of soil, quality and quantity of water supply, humidity, and temperature around the campus area more species of plants are conserved in this botanical garden. Conservation of various spices plants such as Cinammomum verum, Cinammomum Cinammomum tamal and Syzygium aromaticum has been done here successfully. Often strong focus has been given to grow more medicinal plants as like multiple vitamin plant, insulin plant, turmeric, Grewia asiatica to treat various diseases. To convey best dietary and To convey best dietary and nutritional supply for health various fruit plants such as jackfruit, Guava and Sapodilla are conserved in this area of Botanical garden.

According to more use of daily routine curry tree that is Murraya koenigii has been planted and also it is useful too in the treatment of cardiovascular problems in heart disease. lemon grass has been conserved due to its medicinal property and which has an important role to increase flavour of tea too. Ornamental plants such as Ixora, Roses, *Michelia champaka* have been planted for the purpose of increasing

beautification in this area ... Blossom of flowering and flavour of smell has been showering the best feelings in a comfortable way during different seasons. In future college will concentrate to increase number of various endemic, vulnerable, endangered, and nearly extinct species from Taluka Parner in District Ahmednagar. For supplying water to botanical garden drip irrigation system has been introduced by the efforts of hard-working stuff of department of botany. Plants or not only conserved here but often maintained in a well situation by concentrating on them regularly.

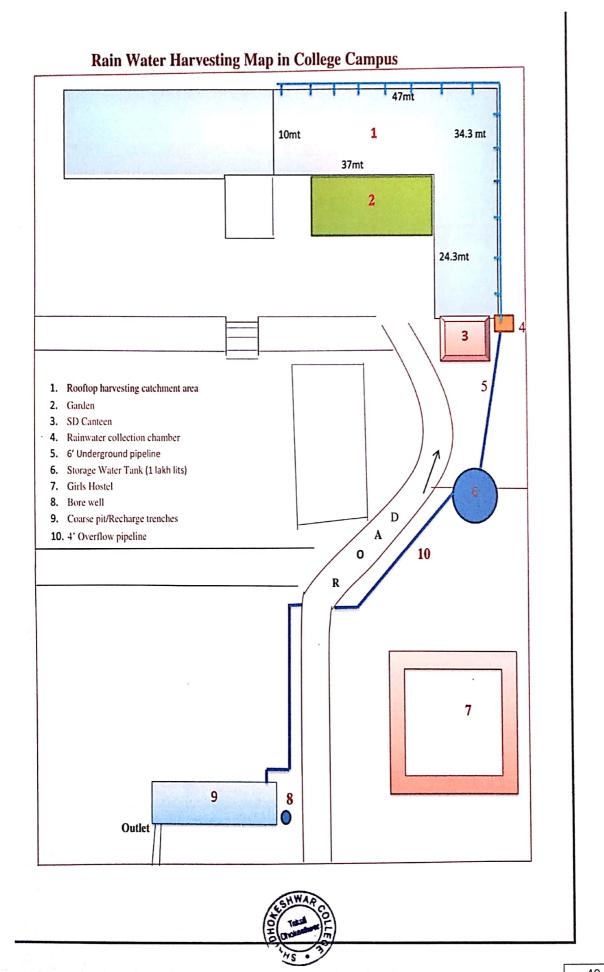
Garden is fulfilled with irrigation facilities, wall compound, Fernery, Facilities for aquatic plant habitats and water storage tank, many plants including ornamental, medicinal, flowering, angiosperm, tuber, etc. plants are maintained in the area coming under botanical garden. Interior paths approaching to the various sectors are maintained.

The various types of plants are maintained in the garden. These are as Angiosperms, Gymnosperms, and Pteridophytes coverings herbs, shrubs, trees, annuals, biennials perennials, climbers, lianas, vines, tuberous and rhizomatous, cacti and succulents, spices, and medicinal plants ornamental plants wild relatives of crop plants.











Principal giving information to the students while preparing rainwater harvesting pit



While pit filling stone-brick



Rain storage cover



Water Collection Area

Plant List

Sr.No	Botanical Name	Common Name	Family
1.	Michelia champaka	सोनचाफा	Magnoliaceae
2.	Euphorbia tirucalli	Pensil Palm	Euphorbiaceae
3.	Aganonerion polymorphum		Apocynaceae
4.	Syzygium polyanthum	तेज पत्ता	Myrtaceae
5.	Michelia champaka	सोनचाफा	Magnoliaceae
6.	Plumeria alba	पांढरा चाफा	Apocynaceae
<i>7</i> .	Radermachera sinica	खुरशिंग)	Bignoniaceae
8.	Araucaria cumminghamii	ख्रिसमस ट्री	Auraucariaceae
9.	Cissus quadrangularis	कांडवेल	Vitaceae
10.	Radermachera sinica	खुरशिंग)	Bignoniaceae
11.	Tradescantia spathecea	रीहो	Commelinaceae
12.	Cinnamomum osmophloem	तमालपत्र	Lauraceae
13.	Jasmanium sp	जुई	oleaceae
14.	Psidium guajava	पेरू	Myrtaceae
15.	Wisteria sinensis	विस्टेरिया	Fabaceae
<i>16</i> .	Ixora coccinia	रुकमिणी	Rubiaceae
<i>17</i> .	Crinum asiaticum	पांढरी लिली	Amaryllidaceae
18.	Nyctanthus arbor-tristis	पारिजातक	Oleaceae
19.	Tabernaemontana divaricata	तगर	Apocynaceae
<i>20</i> .	Ficus rubra	रबराचा वड	Moraceae
21.	Euonymus sp	आस झाड	Celastraceae
<i>22</i> .	Syzgium cumuni	जांभळ	Myrtaceae
<i>23</i> .	Plumbago auriculata	निळा चित्रक	Plumbaginaceae
<i>24</i> .	Avocado americana	एवोकैडो	Lauraceae
<i>25</i> .	Magnolia champaka	सोनचाफा	Magnoliaceae
<i>26</i> .	Dhatura metal	काळा धोतरा	Rosaceae
<i>27</i> .	Cinnamomum verum	दालिचनी	Lauraceae
<i>28</i> .	Syzygium aromaticum	लवंग	Myrtaceae
<i>29</i> .	Zingiber officinale	आले	Zingiberaceae
<i>30</i> .	Ficus pumula	Climbing Fig	Moraceae
<i>31</i> .	Cinnamomum cassia	दालचिनी	Lauraceae
<i>32</i> .	Ixora coccinia	रुकमिणी	Rubiaceae
<i>33</i> .	Ixora coccinia	रुकमिणी	Rubiaceae
<i>34</i> .	Ficus carica	अंजीर	Moraceae
<i>35</i> .	Tectona grandis	सागवान	Lamiaceae
<i>36</i> .	Camellia sinensis	चाय	Theaceae
<i>37</i> .	Heliconia sp.	Lobster claw	Heliconiaceae
<i>38</i> .	Michelia champaka	सोनचाफा	Magnoliaceae
<i>39</i> .	Mesua ferrea	नागकेसर	Calophyllacae
<i>40</i> .	Cycas revoluta	Cycas	Cycadaceae
41.	Euphorbia sp.	Euphorbia	Euphorbiaceae
<i>42</i> .	Heliconia sp	Lobster claw	Heliconiaceae
<i>43</i> .	Cycas revoluta	Cycas	Cycadaceae
44.	Manilkara zapota	चिकू	Sapotaceae
<i>45</i> .	Heliconia sp	Lobster claw	Heliconiaceae

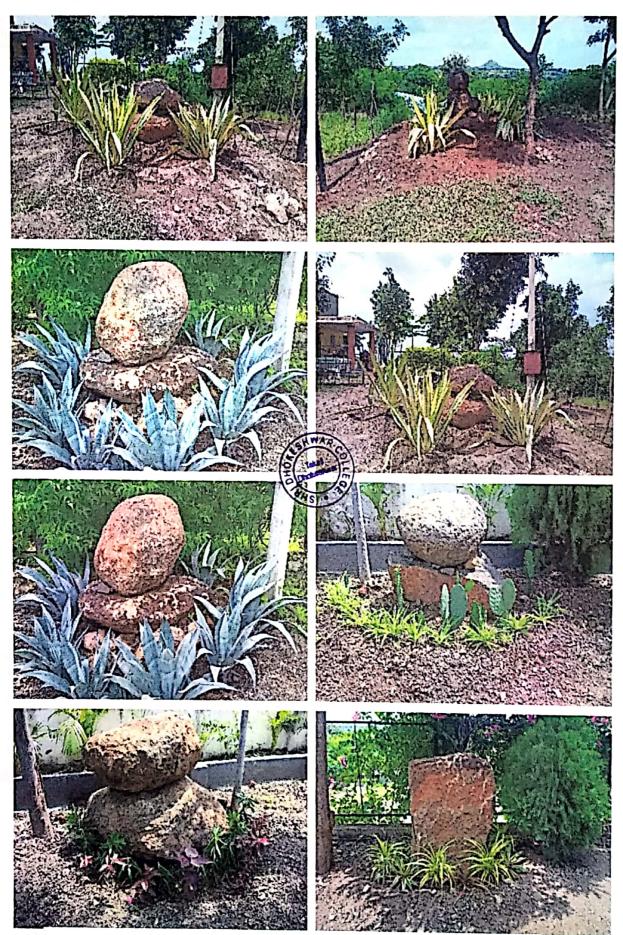
46.	Michelia champaka	चाफा	Magnolingage
47.	Manilkara zapota	चिकू	Magnoliacaeae
48.		चिकू	Sapotaceae
49.	Manilkara zapota	चिकू	Sapotaceae
50.	Manilkara zapota		Sapotaceae
51.	Piper betel	पान पेरू	Piperaceae
<i>52</i> .	Psidium guajava		Myrtaceae
53.	Manilkara zapota	चिकू	Sapotaceae
54.	Cycas revoluta	Cycas	Cycadaceae
<i>55</i> .	Annona sqamosa Malus domestica	सिताफळ	Annonaceae
<i>56</i> .		सफरचंद	Rosaceae
<i>57</i> .	Pandanus fascicularis	केवडा	Pandanaceae
<i>57. 58.</i>	Tamarindus indiaca	चिंच	Fabaceae
	Tamarandus indiaca	चिंच	Fabaceae
59.	Kalanchoe pinnata	पानफुटी	Crassulaceae
60.	Heliconia sp	Lobster claw	Heliconiaceae
61.	Kalanchoe pinnata	पानफुटी	Crassulaceae
<i>62</i> .	Phoenx dactylifera	खारीक	Arecaceae
63.	Heliconia sp	Lobster claw	Heliconiaceae
64.	Michelia champaka	सोनचाफा	Magnoliaceae
65.	Ficus elastica	रबर	Moraceae
66.	Psidium guajava	पेरू	Myrtaceae
<i>67</i> .	Ficus elastica	रबर	Moraceae
<i>68</i> .	Psidium guajava	पेरू	Myrtaceae
69.	Bambusa vulgaris	पिवळा बांबू	Poaceae
<i>70</i> .	Musa sp	केळी	Musaceae
71.	Araucaria columnaris	नाताळ वृक्ष	Auraucariaceae
<i>72</i> .	Aristolochia sp.	ईशरमूल	Aristolochiaceae
<i>73</i> .	Alstonia scholaris	सप्तपणी	Apocyanaceae
<i>74</i> .	Rosa rubiginosa	गुलाब	Rosaceae
<i>75</i> .	Syzygium cumini	जाभूल	Anacardiaceae
<i>76</i> .	Musa sp	केळी	Musaceae
<i>77</i> .	Chamaecostus cuspidatus	Insulin plant	Cosatcaeae
<i>78</i> .	Alstonia scholaris	सप्तपर्णी	Apocyanaceae
<i>79</i> .	Artocarpous heterophyllus	फणस	Moraceae
<i>80</i> .	Lilium candidum	पाढरी लिली	Liliaceae
<i>81</i> .	Euphorbia sp		Euphorbiaceae
<i>82</i> .	Lilium candidum	पाढरी लिली	Liliaceae
<i>83</i> .	Tradescantia spathaceae	Rhoe	Commelinaceae
<i>84</i> .	Santalum album	चंदन	Santalaceae
<i>85</i> .	Prosopis cineraria	शमी	Fabaceae
86.	Cymbopogon citratus	गवतीचहा	Poaceae
<i>87</i> .	Murraya koenigii	कडीपत्ता	
88.	Musa sp	केळी	Rutaceae
89.	Phyllanthus emblica	आवळा	Musaceae
90.	Epipremnum aureum		Phyllanthaceae
91.	Rhaphidophora tetrasperma	Money plant	Araceae
92.	Limonia acidissima	Minimostera कौठ	Araceae
93.	Saraca asoca	A15.00	Rutaceae
94.	Rhaphidophora tetrasperma	सीताअशोक	Fabaceae
	1 - Spindophora tetrusperma	Minimostera	Araceae



Plantation of Beautification plants

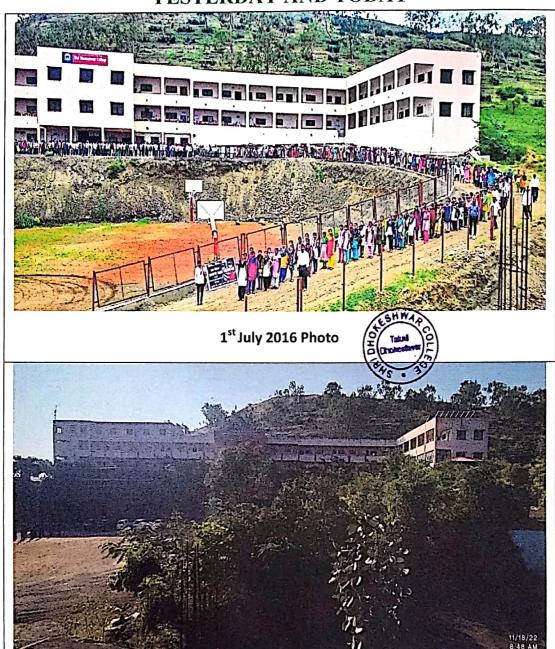


Plantation of Rock Beautification plants



Plantation of Air Purity maintaining plants

YESTERDAY AND TODAY



19th November 2022 Photo



IQAC
Shri Dhokeshwar College
Takali Dhokeshwar
Tal. Parner, Dist. Ahmednagar



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PRINCIPAL
Shri. Dhokeshwar College
Takall Dhokeshwar
Al. Parner, Dist. Ahmednagar