

Departmental Activities 2021-2022

SHIKSHAN PRASARAK MANDAL'S

BAR. BALASAHEB KHADEKAR COLLEGE, VENGURLA

Department of Botany

1. **Online Course on : Gardening for Health and Happiness :**

Duration : 3 months

Participants 180

Aim : To educate society for understanding and learning gardening skills for sustainable urban ecosystem management.

Objectives :

- i. To train people about scientific gardening skills
- ii. To create awareness about natural resource management
- iii. To empower youth for economical development through creative gardening skill learning
- iv. To set a network for understanding the importance of gardening for enhancing happiness index to relieve stress and improve health –physical and mental/

Description :

Gardening for Health & Happiness”, a 3months online gardening course in association with Balasaheb

Khardekar College, Vengurla on every Friday & Saturday of the month where lecturers & demonstrators from the related field were invited to conduct lectures on various aspects of Gardening. Total lecture conducted were 31.

There were around 180 participants from all over the nation & 4 to 5 participants from Singapore, Dubai, Australia & US.

It was a very successful activity. Participants were given onlinetest papers. First 3 ranks were felicitated. Participants were given participation certificates. Valedictory function was conducted at the end of the course.

The lecturers were given honorarium amount of Rs.1000/lecture. The total fund raised through this activity Rs. 31500/- was transferred to IWSA Kolhapur account.

The working team behind this activity:

1) Prof. Dr. Dhanashree Patil

HOD Dept. of Botany, Khardekar College, Vengurla.& Past

Convenor, IWSA Kolhapur Branch.

(Course Coordinator, Designing the 3 months program & Coordinating with working team, lecturers & participants, paper setting)

2) Mrs. Deepali Taywade Patil

Proprietor, Shilp Eco Garden Centre, Kolhapur.

Past Treasurer, IWSA Kolhapur Branch

Course Treasurer, Assisting in Designing the program, coordinating & keeping track of each lecture & maintaining accounts of the course)

3) Mr. Nitin Kavthankar

Student

(Technical support for designing activity flyers & creating google forms, creating invitation & appreciation letters, creating e-certificates & maintaining records)

4) Ms. Tanishqa Taywade Patil Student

(Technical Support for creating google link, recording & streaming activity on you tube)

5) Ms. Vedashree Chavan

Student

(Tech Assistant)

6) Ms. Karishma Mohite

Student

(Technical Assistant for making e-notes)

Department of Botany,
Dr. Babasaheb Ambedkar College, Yergola

Indian Women Scientists Association,
Kothapur Branch

Organizing an Online Certificate Course on

Gardening

For Health & Happiness

"Gardening is a beautiful art of land beautification, scientific scope for waste management, wise way of biodiversity conservation and pollution minimization as well as organic way for vegetable and medicinal herb production, easiest mode of stress management and happiness enhancement. So let's learn about Gardening through various ways of Gardening."

Duration: 3 Months (2 lectures per week)
Dates: 19th March to 19th May, 2021
Days: Every Friday & Saturday
Time: 02:00 pm to 04:00 pm
Fees: ₹ 1,000/- per participant
Last date of Registration: 15th March, 2021
Registration Link: [Click here](#)

Contact: +91 92484 54980 +91 97433 93092
Dr. Dhanashree Patil Prof. Vinod Chavan
Course Coordinator Course Coordinator
Dept. of Botany Dept. of Rural Development
B. E. E. College, Yergola B. E. E. College, Yergola

Dept. of Botany & Dept. of Rural Devt.,
Dr. Babasaheb Ambedkar College, Yergola

Indian Women Scientists Association,
Kothapur Branch

Organizing an Online Certificate Course on

Gardening

For Health & Happiness

Session- I on

Gardening

For Health & Happiness

- Outline & Objectives of the Course
- Gardening Principles
- Types of Gardens
- Garden Components

Dr. Dhanashree S. Patil
M.Sc., M.Phil., B.Ed., Ph.D.,
H.O.D., Dept. of Botany,
Dr. Babasaheb Ambedkar College, Yergola



Friday, 19th March, 2021
02:00 pm to 04:00 pm

Three-Month Online Certificate Course on

Gardening

For Health & Happiness

Valedictory Function

Date: Tuesday, 29th June, 2021
Time: 02:00 pm to 04:00 pm
Google Meet Link: <https://meet.google.com/vr-akud-ict>

02:00 pm : Lecture on **Coastal Flora for Gardens**

- Demarcation • Cultivation
- Importance • Scope

by Dr. Niranjan Chavan
Convener, IWSA, Kothapur Branch



03:00 pm : Summarizing the Course
Dr. Dhanashree Patil
Course Coordinator, B.E. E. College, Yergola

03:10 pm : Feedback from Participants

03:20 pm : Comments of Chief Guest
Mrs. Kalpana Savant
President, Gardens Club, Kothapur

03:30 pm : Presidential Speech
Dr. Niranjan Chavan
Convener, IWSA, Kothapur Branch

03:40 pm : Vote of Thanks
Mrs. Deepali Taywade Patil
Course Treasurer, IWSA, Kothapur Branch

Prinicipal: Dr. Vilas Dhanwantkar, B. E. E. College, Yergola
Course Coordinators: Mrs. Vinod Chavan, B. E. E. College, Yergola

Three-Month Online Certificate Course on

Gardening

For Health & Happiness

Session-V on

Rudiments of Gardening

Part-II

- Outdoor plants
- Pests & Diseases
- Planning your Garden



Mrs. Deepali Taywade Patil
B.Sc., MBA Marketing,
Owner, Shlo Eco Garden Centre, Kothapur,
Treasurer, Gardening: For Health & Happiness Course

Friday, 2nd April, 2021
02:00 pm to 04:00 pm

Three-Month Online Certificate Course on

Gardening

For Health & Happiness

Session- XXVIII on

Flower Arrangement

Adding Life to the Environment

- Basic Principles
- Styles
- Significance
- Tips & Techniques



Saturday, 19th June, 2021
02:00 pm to 04:00 pm

Mrs. Kalpana Savant
M.Sc. (Physics),
President, Gardens Club, Kothapur

1.International Day For The Conservation Of TheMangrove Ecosystem :26.7.2022

Co-parteners : Mangrove Foundation, Maharashtra,Br. Balasaheb Khardekar

College,Vengurla,Swamini Self Help Group &Rotaract Club of Vengurla-Midtown

Aim : To conserve mangroves for sustainable development

Objectives :

- i. To team up for sustainable mangrove ecosystem restoration
- ii. To communicate with local fishermen to start new projects about nursery development
- iii. To develop research aptitude among students about biodiversity conservation.
- iv. To understand Global policies from experts about mangroves

Resource persons : Rohit Sawant , UNDP District Co-rodinator

Description :

26th July, 2021, Br. Balasaheb Khardekar College, Vengurla, Mangrove and Marine Biodiversity Conservation Foundation of Maharashtra (Mangrove Foundation), Swamini Self Help Group and Rotaract Club of Vengurla Midtown celebrated "International Day The Conservation Of The Mangrove Foundation". Various activities like Salutation to Mangrove Conservators, Visit to Mangrove site, Cleaning, Exchange of Mangrove saplings, Mangrove seed sowing to develop the nursery, Finding Creative ways to develop non - plastic nursery bags, Plantation of Bruguiera, etc. were arranged on be half of this. Biodiversity expert Durga Thigale mam, Head of Botany Department Dr. D. S. Patil mam, District Coordinator Mr. Rohit Sawant, Professor Mr. Vivek Sir, President of Swamini Self Help Group Mrs. Shweta Hule mam, Project Coordinator Ms. Jagruti Gawande, also Sagar Pandhare, Vishnu Narle was present at the venue.

During the celebration of World Mangroves Day, there was a discussion and demonstration on how to cultivate seeds of Cynometra iripa species, how to use environmentally friendly materials as an alternative to plastic bangs for planting.

From that it was decided that it would be convenient to carry a nursery bag from coconut shells as well as thick cloth, sacks, bamboo. Durga Thigale madam made such a small sack through a small demonstration. The student also did a little weaving with the help of coconut leaves.

Head of N. S. S Department Vivek Chavan Sir said that, cloth nursery bags can also be a great option for plastic bags. Dhanashree Patil madam said that, there are traditional raval and other various options are available for plastic bags and the youth should acquire those skills from the local artisans. On behalf of the Forest Department, Shri. Rohit handed over Bruguiera seedlings to the college. Durga Madam expressed that this event will be an important one in terms of sustainable conservation. With the encouragement of principal of the college, Dr. Vilas Deulkar, the celebration was carried out with enthusiasm and innovation.

Team up for Mangrove restoration :



2. Flower Festival : 2021-22 :

Aim : To popularize the floral art and find the career opportunities through floral designing

for youth and Women and to understand floriculture aspects for socio-economical aspects for farmers.

Objectives :

- 1.To arrange the exhibition of flower arrangements
- 2.To demonstrate floral art forms for creative skill development
- 3.To discuss about the floriculture market and horticultural aspects helpful for farmers
- 4.To explore the career opportunities through floriculture for youth and women for socio-economical development.
5. To explore Indian floral art and give recognition to the skilled artists

Inaugural Session Of Flower Festival

YouTube live recording :

https://youtu.be/yVXLO9Iuc_U

A one year virtual program celebrating "**Flower Festival**" on 1st Tuesday of every month jointly organized by **Br. Balasaheb Khardekar College, Vengurla, Indian Women Scientists' Association, Kolhapur Branch, Gardens Club Kolhapur and Rotaract Club of Vengurla Midtown** was launched today. The purpose of this program is to learn and understand the flowering plants of the biodiversity rich Western Ghats, development and flower arrangement, their use in a sustainable and scientific way. "Flower Festival" comprising interesting session on floral decorations. It's first and Inaugural Session was conducted on Tuesday, 7th September, 2021 at 11 am to 1 pm through Google Meet.

Program was inaugurated with lightening the lamp in front of Lord Ganeshaby College Prof. D.B. Rane. At the same time, Rtr. Pritish Lad recited the traditional Garhana recitation.

Rtr. Nitin Kawthankar gave presentation on "Mati : Traditional Way of Floral Design". Prof. Shekhar Mohite presented beauty of Kaas plateau through his presentation on "Floral Diversity of Kaas Plateau". Ms. Shaila Nikam had demonstrated Floral decoration for Ganapati festival. Whereas, Prof. Dr. Dhanashree Patil showed flower arrangements using seasonal wild flora.

Mrs. Suniti Deshmukh, founder of Kolhapur Bonsai Club was the President of the program. She guided the participants about scope and opportunities

through Floral decorations. Rtr. Sahili Ninave gave the vote of thanks.

Total 220 registrations were made for the first session. Participants took active participation through Google Meet and YouTube live.

Program was successfully conducted in the guidance of College Principal, Dr. Vilas Dewoolkar. Ms. Karishma Mohite, Mr. Hiroji Parab, Ms. Santoshi Amdoskar and RAC members, Rtr. Alister Fernandes, Rtr. Prathamesh Gawade and Rtr. Nikita Ninave helped in the smooth conduct of this program.



Inauguration by Prof. D. B. Rane Sir



Presentation on "Mati" by Rtr. Nitin Kawthankar



Presentation on "Kaas Plateau" by Prof. Shekhar Mohite



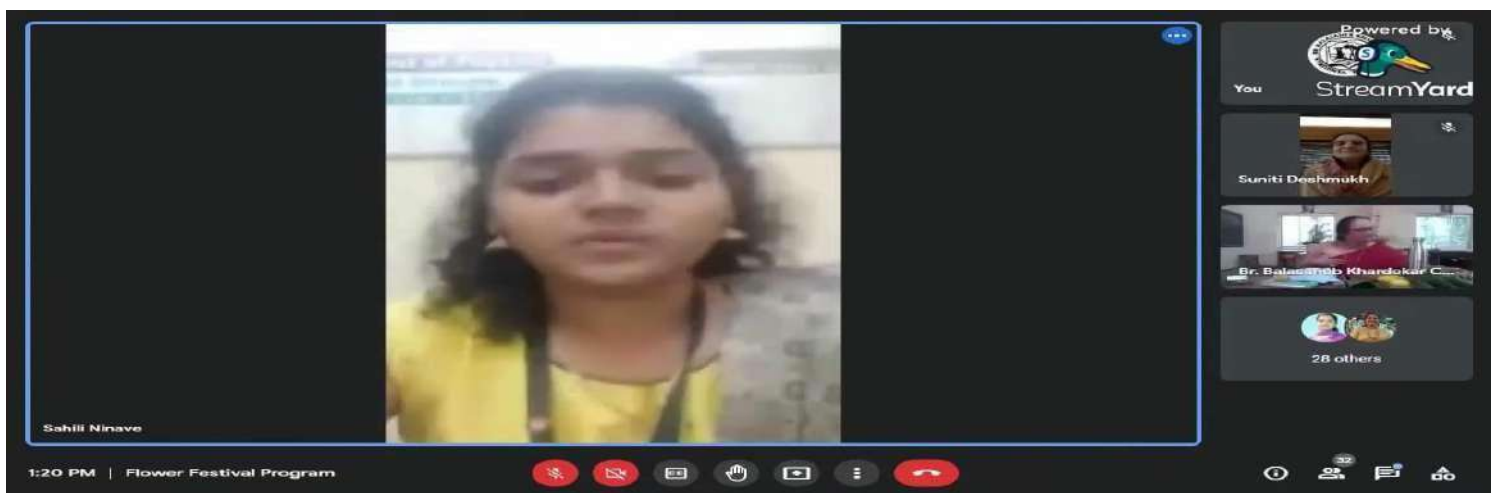
Flower Arrangements by Ms. Shila Nikam



Demonstration by Prof. Dr.Dhanshree Patil



Presidential Speech by Mrs. Dr.Suniti Deshmukh



Vote of thanks by Rtr. Sahili Ninave

Outcomes :

स्थानिक वृत्त फ्लॉवर फेस्टिव्हल कोर्सचा शुभारंभ

बॅ.खर्डेकर महाविद्यालय-वेंगुर्ला, इंडियन वूमन सायंटिस्ट असोसिएशन-कोल्हापूर शाखा, गार्डन्स क्लब कोल्हापूर व रोटॅक्ट क्लब ऑफ वेंगुर्ला मिडटाऊन यांच्या संयुक्त विद्यमाने आयोजित 'फ्लॉवर फेस्टिव्हल' ह्या एका वर्षाच्या ऑनलाईन कोर्सचा शुभारंभ ७ सप्टेंबर रोजी भौतिकशास्त्र विभाग प्रमुख डी.बी.राणे यांच्या हस्ते करण्यात आला. जैव विविधतेने संपन्न पश्चिम घाटातील सपुष्प वनस्पतींविषयी समजून घेऊन त्यांचा उपयोग शाश्वत विकासासाठी करणे व पुष्परचना शास्त्रोक्त पध्दतीने शिकणे हा या कोर्सचा उद्देश आहे.

यावेळी नितीन कवठणकर याने "माटी" ह्या विषयावर प्रेझेंटेशन सादर केले. त्यानंतर शेखर मोहिते यांनी सातारा जिल्ह्यातील प्रसिद्ध कास पठाराविषयीची माहिती तर शैला निकम यांनी पुष्परचना कशी करावी ह्याविषयी मार्गदर्शन केले. त्यानंतर डॉ.धनश्री पाटील यांनी कोकणातील पारंपरिक फुलांच्या व फळांच्या मदतीने पुष्परचना कशा साकारल्या जाऊ शकतील ह्याचे प्रात्यक्षिक दाखविले. कार्यक्रमाच्या अध्यक्षा सुनिती देशमुख यांनी अध्यक्षीय भाषणात सहभागी झालेल्यांना मोलाचे मार्गदर्शन केले. यावेळी प्रीतीश लाड, अॅलिस्टर फर्नांडिस, प्रथमेश गावडे, निकीता निनावे, करिश्मा मोहिते, हिरोजी परब व संतोषी आमडोसकर आदी उपस्थित होते. आभार रोटॅक्ट क्लब ऑफ वेंगुर्ला मिडटाऊनच्या अध्यक्षा साहिली निनावे हिने मानले.

वेंगुर्लेत फ्लॉवर फेस्टिव्हल ऑनलाईन कोर्सचा शुभारंभ

लोकमत न्यूज नेटवर्क
वेंगुर्ला : बॅ. खर्डेकर महाविद्यालय वेंगुर्ला, इंडियन वूमन सायंटिस्ट असोसिएशन कोल्हापूर शाखा, गार्डन्स क्लब कोल्हापूर व रोटॅक्ट क्लब ऑफ वेंगुर्ला मिडटाऊन यांच्या संयुक्त विद्यमाने आयोजित 'फ्लॉवर फेस्टिव्हल' या एका वर्षाच्या ऑनलाईन कोर्सचा शुभारंभ ७ सप्टेंबर

'माटी' या विषयावर सादरीकरण केले. त्यानंतर शेखर मोहिते यांनी सातारा जिल्ह्यातील प्रसिद्ध कास पठाराविषयी माहिती दिली. तसेच शैला निकम यांनी पुष्परचना कशी करावी, याविषयी मार्गदर्शन केले. त्यानंतर डॉ. धनश्री पाटील यांनी कोकणातील पारंपरिक फुलांच्या व फळांच्या मदतीने पुष्परचना कशा साकारल्या जाऊ शकतील ह्याचे प्रात्यक्षिक दाखविले.

ऑनलाईन 'फ्लॉवर फेस्टिव्हल'ला उत्स्फूर्त प्रतिसाद



वेंगुर्ले : दसरा या धीमवर साकारण्यात आलेल्या पुष्परचनासोबत प्रशिक्षक.

वार्ताहर
वेंगुर्ले
बॅ. खर्डेकर महाविद्यालय
वेंगुर्ले, इंडियन वूमन सायंटिस्ट
असोसिएशन-कोल्हापूर शाखा,
गार्डन्स क्लब कोल्हापूर व रोटॅक्ट
क्लब ऑफ वेंगुर्ले मिडटाऊन यांच्या
संयुक्त विद्यमाने आयोजित 'फ्लॉवर
फेस्टिव्हल' ह्या एका वर्षाच्या
ऑनलाईन कोर्सचे दुसरे पर्व झाले.
यावेळी 'फ्लोरल फेस्ट फॉर दसरा'
या धीमवर आधारित पुष्परचनांची
प्रात्यक्षिके दाखविली यामध्ये गार्डन्स

क्लब कोल्हापूरच्या अध्यक्षा कल्पना
सावत यांनी 'बिडरमायर' ह्या
पुष्पसजावटीच्या नवीन प्रकारची
माहिती दिली. डॉ. अल्पना चौगुले
यांनी 'फ्लोरल फ्लेस्टून' ह्या
प्रकारातील अतिशय सुंदर अशी
तोरणे करून दाखविली. प्रा. बाळकृष्ण
गावडे यांनी 'सिंधुदुर्ग जिल्ह्यातील
जैवविविधता' ह्यावर मार्गदर्शन केले.
सूत्रसंचालन प्रा. धनश्री पाटील यांनी
केले तर आभार प्रीतिश लाड यांनी
मानले. नितीन कवठणकर व करिष्मा
मोहिते यांनी सहकार्य केले.

ध्यक्षा सुनिती
क्षीय भाषणात,
यावेळी प्रीतीश
र्नांडिस, प्रथमेश
गावडे, करिष्मा मोहिते,
संतोषी आमडोसकर

Br. Balasaheb Khardekar College, Vengurla

Indian Women Scientists' Association, Kolhapur branch

Gardens Club, Kolhapur

Rotaract Club of Vengurla Midtown

organizing "One-year Virtual Program" celebrating

Floral Fest for Dasara

on 1st Saturday of Every Month, 11:00 am to 01:00 pm IST.

Presentation on
Floral Diversity of Sindhudurg
 - Dr. Balkrishna Gavade
 Kankavli College, Kankavli

Demonstration on
Floral Colors for Dasara
 - Mrs. Kalpana Savant
 President, Gardens Club, Kolhapur

Demonstration on
Floral Festoon for Dasara
 - Dr. Alpana Chougule
 Gardens Club, Kolhapur

Session 2 :
Floral Fest for Dasara

Sat, 9th October, 2021
 11:00 am to 01:00 pm

Registration link :
<https://forms.gle/erYmCcbkYQ8NhdA8>

Google Meet

Session II : Outreach : 245 participants all over Maharashtra benefited through interactive online involvement.

Descirption : Dr. Balkrishna Gawade presented beautiful flora and scientific as well as medicinal and ecological importance of Flora of Sindhudurg ,which is part of Hot spot of Biodiversity Worldwide.

Mrs. Kalpana Sawant ,President Gardens Club, Demonstrated three arrangements with exotic flowers as well as ingenius local material and explained the importance of floral designing for economic, skill oriented aspect.

Dr. Alpana Chougule demonstrated the traditional skill of Toran making strings and beetlevine leaves. Such traditional skills should be learnt by youth to stat up business.

Session III

Participant : 50

Description : Floral school was paid Workshop to motivate and develop skills of floral designing.

Experts like Suniti Deshmukh, President ,Kolhapur Bonsai Club

Mrs. Chand Kejariwal , President Bombay Chapter, Ohara School,

Neeta Shinde, Ohara School Certificate holde, Secretary Kolhapur Bonsai Club

Demonstrated basic skills to adopt along with advanced floral designs.



The poster for the 'Floral School' workshop is pink and white. At the top, it features logos for 'Dr. Balasaheb Khandekar College, Vengurle', 'Indian Women Scientists Association, Kolhapur branch', 'Gardens Club, Kolhapur', and 'Rotaract Club of Vengurle Maharashtra'. The main title 'Floral Festival' is in a large, red, cursive font, with 'Floral School' below it in a bold, yellow, sans-serif font. The text 'organising an Online Certificate Workshop' is in small black letters. A quote from the festival reads: 'Floral Festival invites you to register for Floral School to learn the classical flower arrangements from senior experts and to understand the skills through systematic concepts in different floral designing. This school will guide you to understand flower arrangement styles through online presentations and live demonstrations.' Below this, the schedule is listed: 'Class I : 28th & 29th October, 2021' and 'Class II : 26th & 27th November, 2021'. The time is '02:00 to 04:00 pm IST' and the platform is 'Google Meet'. Under 'Resource Persons', there are three circular photos of women and their names: Suniti Deshmukh, Chand Kejariwal, and Neeta Shinde. At the bottom, there are three columns of information: 'Registration fees' (Rs. 300/- for participants, Rs. 200/- for club members), 'Online payment' (Pay +91 98233 56005), and 'Registration form' (https://forms.gle/BbT LldtrshRpxUjK6). There are also contact numbers for enquiries: +91 91464 34560 and +91 80070 16919.



A photograph showing three women standing together, smiling. The woman in the center is holding a large bouquet of flowers. They are all dressed in traditional Indian attire.

पुष्परचनांचे सादरीकरण करताना गार्डन स्कूलच्या मार्गदर्शक.

फ्लोरल स्कूलचे ऑनलाईन कोर्स दुसरे पर्व

वेंगुलें : गार्डन्स क्लब कोल्हापूर, इंडियन वुमन सायंटिस्ट असोसिएशन, वें. खडेंकर महाविद्यालय, वेंगुलें व रोटरेक्ट क्लब ऑफ वेंगुलें मिडटाऊन यांच्या संयुक्त विद्यमाने 'फ्लोरल स्कूल' या ऑनलाईन कोर्सचे आयोजन करण्यात आले होते. याचे दुसरे पर्व २६ व २७ नोव्हेंबर रोजी पार पडले. यामध्ये पहिल्या दिवशी डॉ. सुनिती देशमुख यांनी पाश्चिमात्य शैलीच्या पुष्परचनांवर सादरीकरण केले. तसेच 'इकेबाना' प्रकारातील एल -आकाराच्या, हॉरिझॉटल, क्रिसेंट, होगार्थ अशा नानाविध सुंदर पुष्परचना करून दाखविल्या. तर दुसऱ्या दिवशी इकेबाना प्रकारातील मोरीबाना, शोबिन डी, हानामाई, वन रो या अत्यंत सुंदर अशा पुष्परचना प्रात्यक्षिकाद्वारे शिकविल्या. डॉ.सौ. धनश्री पाटील यांनी कार्यक्रमाचे सूत्रसंचालन तर दीपाली तायवाडे-पाटील यांनी आधार मानले. नितीन कवठणकर व करिष्मा मोहिते यांनी तांत्रिक बाजू सांभाळल्या.



A photograph showing a woman sitting at a desk, working on a floral arrangement. She is wearing a red and white sari. There are several flowers and a laptop on the desk.

19:35

"फ्लोरल स्कूल" ह्या ऑनलाईन कोर्सचे पहिले पर्व संपन्न

November 06, 2021

"फ्लोरल स्कूल" ह्या ऑनलाईन कोर्सचे पहिले पर्व संपन्न
"ओहारा लॅडस्केप" ह्या प्रकारातील पुष्परचनेचे मिळाले धडे

वेंगुलें : गार्डन्स क्लब कोल्हापूर, इंडियन वुमन सायंटिस्ट असोसिएशन, वें. बाळासाहेब खडेंकर महाविद्यालय, वेंगुलें व रोटरेक्ट क्लब ऑफ वेंगुलें मिडटाऊन यांच्या संयुक्त विद्यमाने "फ्लोरल स्कूल" ह्या ऑनलाईन कोर्सचे आयोजन करण्यात आले होते. ह्याचे पहिले पर्व नुकतेच पार पडले.

पहिल्या दिवशी दीपाली तायवाडे-पाटील यांनी अग्रगतीय भाषण केले. तसेच डॉ.सुनिती देशमुख यांनी स्वागत केले. स्वानंतर सौ. चांद केजरीवाल यांनी "ओहारा लॅडस्केप" ह्या प्रकारातील अत्यंत सुंदर अथवा पुष्परचना प्रात्यक्षिकाद्वारे शिकविल्या. तसेच "My Ikebana Journey" यावर प्रेझेंटेशन सादर केले. पातेळी कार्यक्रमाचे सूत्रसंचालन डॉ.सौ. धनश्री पाटील यांनी केले. तर आभार प्रदर्शन दीपाली तायवाडे-पाटील यांनी केले.

Session 4 : AZADI KA AMRUT MAHOSTAV



The poster for the Flower Festival event features a green background with a white border. At the top, there are logos for B. Balasaheb Khardekar College of Vengurda, Indian Women Scientists' Association, Gardens Club, Kolhapur, and Retaract Club of Vengurda Midtown. The title "Flower Festival" is written in a large, red, cursive font. Below the title, it says "organizing an Online Session on the occasion of 75 Azadi Ka Amrit Mahotsav". The date and time are "26th January, 2022, 04:00 to 06:00 pm IST". The platform is "zoom" and there are "No entry fees". It also mentions "Join Flower Festival WhatsApp group for more updates". The presentation is by "Dr. Khuraijam Singh, Senior Scientist, NBRI, Lucknow" on the topic "Ornamental Horticulture for Urban Gardens". The demonstration is by "Ar. Archana Vaidya, Ikebana Master, Ohara School, Pune" on the topic "Ikebana (Ohara) Styled Flower Arrangements".

As a part of Floral festival *Azadi ka Arut Mahostav* was creatively celebrated by organizing presentation of Dr. Singh Khuraijam, Senior Sceintist , National Botanical Research Institute, which was great exposure to understand the concept of Botanical Gardens ,research opportunities related to Botany and horticulture and species conservation.

Arch. Archana Vaidya, Sectretarty , Bombay Chapter ,Ohara School demonstrated beutifl fusion of Ikebana and tricolor.



Archetect,Archana Vaidya with demonstrated arrangement on theme : Tricolor

Session 5 :Traditional Thoughts through Contemporary presentation.

Flower Festival

organizing an Online Session

Traditional Thoughts through Contemporary Presentation

Saturday, 26th March, 2022

04:00 to 06:00 pm IST

Platform : ZOOM

Mrs. Kavita Poddar

- Floral Expert, Kolkata, India
- Immediate past President, World Association of Floral Artists (WAFA)

Resource Person : Mrs. Kavita Poddar, Immediate, Past President of World Association of Floral Artists Association, and Present President of Pushpa Bital Floral Society, Kolkata.

Description :

Demonstration by Global Personality like Kavita mam was great pleasant experience for Participants to learn and listen about Traditional Thoughts through Contemporary presentation. Her creative hand skills and International level learning was Divine pleasure to experience the designs and styles of Floral designs.



Creative presentation of Contemporary styles with Indian festive theme using local material.

3) WORLD WETLAND :

Aim : To create warns about coastal wetland conservation and develop eco-tourism for sustainable development.

- Objectives :**
- i. To understand scientific way of wetland restoration
 - ii. To interact with scientists, students ,community and NGOs as well as Government officials to find sollutions for nature restoration
 - iii. To develop organizing capabilities of youth
 - iv. To study ecological aspects to develop livelihood projects for coastal communities.

Description : A seminar was arranged at Balasaaheb Khardekar college, Vengurla, where Dhanusha Kawlavkar (Senior Research Biologist) & Durga Thigale (Mangrove foundation) guided students on Subterranean Wetlands, ornamental fish culture & fish cage culture by ppt presentation and site visits. Mangrove safari was arranged for the participants. Team felicitated group of Local Ladies who strive hard to conserve wetlands & the surroundings by presenting them cloth bags with printed IWSA logo. Also IWSA felicitated and bought articles made from local people to promote their art.



Outreach : Participants : 60



4. Work shop on Terrarium making

Date : 28 .3.22

Aim : To develop skill for economical development through applied aspects of Botany.

Objectives : i. To develop sense of creative aspects and its application for economical development

ii. To train youth to make terrarium

iii. to study floral components and soil suitable for terrarium

iv. To learn marketing of products for economical development

Description : Under guidance of Dr. D. S. Patil students made terrariums which were gifted to Hon. Environment Minister , Aditya Thakare. Dr. Aitawade ,C.O. Vengurla Nagarparishad supported the activity by providing funds and appreciating idea Terrarium gifting , a meaningful way, to bring a change in conventional practices of gifting.

Chief Officer Vengurla Nagarparishad supported the workshop and bought the Terrariums made by students.





Team with Terrariums



SHIKSHAN PRASARAK MANDAL'S

BAR. BALASAHEB KHADEKAR COLLEGE, VENGURLA

Department of Botany

Departmental Activities 2015-16

1. One Day work shop on “ Creative Gardening Skill”

Sat. Date : 23/1/2016.

Aim : To create interest about nature and its conservation in different manner.

Objectives:

- i. To involve students in skills based aspects related to Botany
- ii. To encourage students and society to learn the creative gardening skills
- iii. To initiate the employment generation practices through Botany
- iv. To popularize Botany through creative gardening skills

Description : As per requirement of syllabus department organized one day work shop on “ **Creative gardening skills**”. Students of B. Sc. II enthusiastically organized the work shop under able guidance of Dr. D. S. Patil ,as co-ordinator and Dr, R.T. Patil ,as a organizing secretary of the workshop.

With objective to develop skills about creative gardening concepts among students related with Horticulture Br. Balasaheb Khardekar collage is organizing a one day Workshop on “**Creative gardeing Skills**” . **Which covers, flower arrangement, Terarium-Bottle gardening,Bonsai making and Dish garden.** It will create interest about nature and its conservation in different manner. These skills are useful to students in starting their own small scale business as well as develop an interest for nature studies.

Program :

- **9.30-10.00 : Inaugural :** By lightening the lamp by Chief Guest and dignitaries
- Welcome song by Rakhi Mestri
- Chief Guest: Hon.Shri.Vilas Gavade, President, Yuva Shakti Pratishtan, Vengurla
- Graceous presence : Hon.Shri.Manish Parab, Corporator, Vengurla.

- President of the function : Dr. V.D. Deulakar, Principal, Br. Balasaheb Khardekar College, Vengurla.
- Welcome speech : Miss. Manjiri Mestri
- Presidential address
- Speech by Chief Guest
- Vote of thanks : Miss. Ruchika Parab, Student Co-ordinator.
- Anchoring : Aniket Tamhankar

10.00a.m.-10.45 a.m.: Lecture with power point presentation and demonstration on : Flower arrangement by Smt. Kalpana Savant, President, Indian Women Scientists Association, Kolhapur.

10.45.-11-30 a.m.: Demonstration on “Bonsai” By Shri. Sachin Bongale, Member Kolhapur Bonsai Club.

11.30a.m.-12-15 p.m. : Dish Garden Smt. Sangeeta Kokitkar, Member, Gardens’ Club Kolhapur.

12.15 p.m. -1.00p.m. : Terrarium (Bottle gardening) : Kalpana and Sangeeta

1 p.m.-1.30p.m. Valedictory function : Certificate distribution.

Working Committee :

- Chairman : Dr. Deulakar, Principal, B.K. C.,
- Co-ordinator : Dr. D.S. Patil
- Organizing Secretary : Dr. R. T. Patil
- Committee members : Shri. V. P. Desai

Shri. A.K. Birajadar

Smt. A. G. Nayar

Students organizing Committee ; B. Sc. II ,Botany students.

Participants : Students of B. Sc. Botany,

Horticulture M. C. V. C. Class 11th

Horticulture : Regular : Class 11th

Staff and other interested society members .

Students of B. Sc. II enthusiastically organized the work shop under able guidance of Dr. D. S. Patil, as co-ordinator and Dr, R.T. Patil, as a organizing secretary of the workshop.

Work shop on “Creative gardening skills” : 23.2.2016 Terarium -Bottle gardening, Bonsai making and Dish garden.



2. World Wetland day Celebration : 2nd Feb. 2016.

Aim : To create awareness about mangrove ecosystem conservation

Resource Persons : Mehboob Shekh

Tarannum Mulla , Research Fellows, Shivaji University, Kolhapur

Venue : Library hall, Br. Balasaheb Khardeka College ,Vengurla

Description : Exhibition on Mangrove biodiversity was arranged at the B.K. College library to create awareness about mangrove conservation which represents rich wetland in the coastal region. B. Sc. I students worked as volunteers to arrange the event. Posters from Botany Department , Shivaji University were displayed showing beautiful photos of floral and faunal diversity and its importance. Research fellows Miss. Tarannum Mulla and Mr. Mehboob Nadaf explained the conservation aspects. Mr. Vikas Patil, Junior Engineer , Bhumi Sarvekshan Vibhag, Inaugurated the Exhibition. Tarannum Mulla and Mehboob Nadaf took students to Mangrove site for Experimental learning at Manaseshwar estuary.

Team Green Nature Club With Chief Guest.



Output : Students and visitors to exhibition were curious to know more about Wetlands and Mangroves and realized the importance of Ecosystem restoration.



Inaugural of Exhibition



Mr. Mehaboob Nadaf explaining the Mangrove posters.



Interaction with Miss. Tarannum Mulla



Introduction and explanation of Concept : Wetlands and Mangroves.



Field Visit with researchers: At Manaseshwar Mangrove Locality, Ubhadanda.

Departmental tours :

3. Botanical excursion to College campus :B. Sc. II-

Botanical field study was arranged in the campus to learn the biodiversity aspects. 17 students under guidance of Dr. D. S. Patil was arranged. Students learnt floral diversity and written report and enlisted 50 plant species in the campus.

4. **Visit to Mangrove locality “ Manseshwar”:**2nd Feb. 2016: As a part of wetland day celebration students were taken to mangrove locality to learn mangrove ecosystem and understand floral and faunal species and their role in sustainable development. Under guidance of departmental staff and research fellows from staff 25 students of B. Sc. I enjoyed reading the nature on site. Students enlisted the flora of mangroves and mangrove associates at Manseshwar.

5. Botanical Excursion to Fruit research center: B. Sc. I

Under guidance of Dr. R. T. Patil botanical excursion was arranged at Regional Fruit Research , Vengurle . Students learnt the research aspects through visits at various laboratories in the center as well as horticultural aspects in the nursery of the center. Report was submitted to department.

Examination work :

Dr. D.S. Patil Worked as internal examiner for practical exams. Worked as supervisors in Sem. I and Sem. II.

Dr. R. T. Patil : Committee member of University Examinations at B. K. College.

Publications :

1. Rosette on Gardening includes article of Gardening students and Edited by DR. D. S. Patil. 2. Publication paper in Proceeding book of International level conference: ISBN 978-81-924850-2-7 ,11th Feb. 2016. Pgs (210-214), Title of the paper : Bioresource management in the home gardens at Vengurla Tehsil with respect to socio-Economical aspect.

3. Publication paper in Proceeding book of National level ISSN number “

Title of the paper : “*Parnashad* farms and resorts, Netarde village: A case study of eco-tourism project with socio-economical developmental approach,” D.S. Patil and T.V. Savant

4. Publication of calendar 2016, on “ Butterfly garden” informing the pictorial information about butterflies found in Maharashtra.

5. Publication of booklet on “Udyan ani Vidnyan” on the occasion of workshop for Harit Sena Students, in collaboration with Social Forestry, Shivaji University and Indian women Scientists’ association.

6. Publication of Article in Roset :

7. ISSN publication at International conference : “ **Plant Research and Resource Management**” and **Silver Jubilee Scientists Meet 2016, 11-13th Feb. 2016.**

Organized by Anekant Education Society’s Tulajaram Chaturchand College, Baramati (MS) India.

Title of the paper : Theme : 3 – “**Bioresource management in the home gardens ar Vengurla Tehsil with respect to socio-Economical aspect.**”

Contribution to Corporate life : Event organization:

1. Gardens’ Club competition :

Active participation in organizing “ Gardens’ club, Kolhapur’s 44th Flower show and garden competitions at Mahavir Garden Tarabai Park, Kolhapur. in colaberation with Kolhapur Muncipal corporation on 3/10/2015 and 4/2015. Participation :Dr. D. S. Patil as President of Garden’s club ,Chief guest of the function : Dr. P. D. Raut, Head, Environmental Science Department, Shivaji University Kolhapur was Chief guest faor the Inaugural function.

2. Work shop on Floral Design

3. Bamboo mission

4. BJMS : Examiner for judging essays.

5. KBC : Exhibition and work shop by Parekhs’

6. Womens’ day rally: With theme of Biodiverstiy conservation 21 members of gardens’ Club participated in the competition and won 2nd prize. Organized by Gruhini manch.

7. Science day celebration : 3rd March 2016. Publication of booklet on “Udyan ani Vidnyan” on the occasion of workshop for Harit Sena Students, in co-laberation with Social Forestry, Shivaji University and Indain woment Scientists’ association

Projects :

D) **Herbal Garden :** A proposed “*Ex-Situ* conservation of medicinal herbs from Maharashtra State” At : Shikshan Prasarak Manadal’s Gopal Krishna Gokhale College, Kolhapur Shri. Shahu High School, Jr. College, Kagal

. Sanctioned by National Medicinal Plant Board, Govt. of India, Ministry of Health and family Welfare, Department of Ayurveda, Yoga and Naturopathy, Unani Sidha and Homeopathy (AYUSH), (Project Number – H6/MH-01/2015).

Project Head : Hon. Shri. Jaykumar Desai, Secretary, Shikshan Prasarak Mandal, Kolhapur .

Project Co-ordinator : Dr. D. S. Patil,

Convener : Dr. Manjiri A. More –Desai, Administrative officer, Shikshan Prasarak Mandal, Kop.

A team of Shri. Shahu High School staff is taking care of proposed project under properly organized committee. Soil management, digging trenches, water management, water tank fitting, drip irrigation work has been channelized with co-operation of Shri. A. T. Gurav, Shri. A. U. Patil, Phase -I has been completed by plantation of medicinal plant species ;

II) Minor Research project : Approval XIIth plan: Sanctioned by University Grant Commission, Delhi.

Project co-ordinator : Dr. Smt. Dhanashree S. Patil

Title : *In Vitro* and *in vivo* screening of Botanicals for development of eco-friendly Biopesticides.”

Amount allocated : 4,10,000/-

Primary work of collection of material, drying and powdering as well as extraction has been done.

SHIKSHAN PRASARAK MANDAL'S

BAR. BALASAHEB KHADEKAR COLLEGE, VENGURLA

Department of Botany

Departmental Activities 2016-17

1. Botanical Excursions :Vayangani plateau on : Insectivorous plants :

Name of the activity :Ecosystem study: Vayangani Plateau Date : 15th Sept.2016

Aim : Ecosystem Study

Objectives : i.To take students to field to see **Insectivorous plants**

ii.To understand the importance of Plateaus in konan

iii. To enlist flora and fauna at Vayangani plataue

iv.To Compare the plataues with other parts of Maharashtra

Resource Persons : Dr. R. T. Patil, and Dr. Dhanashree Patil. **Students :** 11

Description : Considering the importance of Ecosystem studies at field, students of B. Sc. II were taken to a plateau of Vayangani to study flora and related fauna of Vayangni. The plateau was covered with many rare species like *Drossera*, *Utircularia* (insectivorous) plants as well as 47 other angiosperms were in flowering state comprising 17 Cyperaceae members. Algal *Nostoc* colonies were found on the rocks. Many such plateaus can be explored in the region to study floral diversity. Detailed report is made by students.



2.Visit to Regional fruit research station ,Vengurle : 20.1.2017 : 30 B.Sc. I students visited the fruit research station under ICAR,Dapoli Krishi Vidyapeeth, Vengurla.

3.Participation of students : .On 26th Jan.2017 : In Flower exhibition & competition : organized at Regional fruit research station, Vengurla

11 students of B.Sc. second year participated in the flower arrangement competition at fruit research station, Vengurle on 26th Jan. 2017. On various themes the training of flower arrangements ,Ikebana was given with the help of power point presentation and practical. Sketching was done considering various themes like Cashless money bag, National festival, wheels of progress, bamboo conservation etc. 11 students participated in the competition and 2 got 2nd and consolation prize.

4. Work shop on “ Creative gardening skills”

Date : 14th Feb. 2017

Aim : To train girls and women of self help groups through creative gardening skills to empower economically and for stress management.

Objectives :

- i.To empower students with knowledge of law about Women protection and self-development
- ii.To enrich knowledge of girls about health management and physical fitness
- iii.To Train girls through self -defense techniques and self-protection
- iv.To organize teams to provide platform to women and girls regarding solving their difficulties through ICC formation.

Resource persons :

1.Suniti Deshmukh, President Kolhapur Bosai Club ,Associated with IndoJapanese Association

2. Shri. Krupesh Hiremath , Secretary Gardens Club ,Kolhapur

3. Kalpana Sawant, Convener Indian Women Scientists Association

4. Dr. Haladavanekar Prfful,Director Regional Fruit Research Station, Vengurle,

5. Dr. BakhtawarMahajan, Trustee Indian women Scientists’ Association, Vashi, Mumbai.

Description :

Students volunteered the one day workshop and exhibition on 14th Feb. on theme “ **Creative gardening skills** organized by Women Development Cell, Br. Balasaheb Khardekar College,

Vengurle, Indian Women Scientists' Association, Kolhapur branch in collaboration ICAR's Regional fruit research co-ordinated by Dr. Dhanashree Patil. Government of India has declared skill development program with objective to facilitate employment generation for youth and economical strengthening of women. The workshop was planned with same objectives.

Dr. Haladavanekar ,Director Regional Fruit Research Station, Vengurle,was invited as President of the inaugural function, while Chief guest was Dr. BakhtawarMahajan, Trustee Indian women Scientists' Association, Vashi, Mumbai. Hon. Smt.Shantadevi Patil, D.Y. Patil Institute, Kohapur, Principal, Dr. V. A. Dewoolkar, Dr. ManishaMujumdar, Chairman,W. D. C.,Shri. AnandBandekar , Smt. SunitiDeshmuksh,President,K.B.C., Kalapna Savant, Convener IWSA, graced the dais.

Dr. Dhanshree Patil,Head, Dept. of Botany,B.K. college, Vengurle introduced the concept and objectives of the program through power point presentation on Mysore International bonsai convention. Participants learnt the basic concept and local to global scenario about bonsai art and it's skill as well as business potential and ecological importance of bonsai, terrarium in changing era of globalization. Konkan has every favorable factor to flourish these arts of conservation nature in miniature form. Western Ghats rare species can be conserved and multiplied through theses creative techniques. Dr. Haladawanekar inspired participants by informing about the potential of such green techniques. Dr. BakhtawarMahajan addressed participants about conservation of planet for sustainable development.

Smt. Suniti Deshamukh ,President Kolhapur Bonsai club, demonstrated the basic style on *Bougainvillea species*, along with a lecture on concept and basic bonsai styles. In a simple language she explained the procedure for making of Bonsai. In second session Smt. Kalpana Savant given presentation on Flower arrangements and it's various types like Ikebana which has specific meaning for each occasion. She demonstrated the heart shaped floral of red carnations arrangement to co-relate with Valentine's day. Her two other arrangements in display were also theme based-Seashore and dry material from Konkan. Dr. AlpanaChougule ,KBC member shown Terrarium making(bottle gardening) as a symbol of ecosystem conservation.

A small exhibition comprising bonsai plants in various styles- rock style , landscape style, mame bonsai, formal upright , cocodama style , forest style given idea about bonsai styles. Theme based flower arrangements done by Kalpana and Terrariums made by Deepali Taywade Patil along with paper flowers made by Krupesh Hiremath was appreciated by the participants.

Teja Bendake displayed the garden implements as well as organic fertilizers to show the commercial side of horticultural aspects. Kolhapur bonsai Club and Gardens' club ,Kolhapur members- Dr. PratimaKhare, Deepali Ingawale, ShailajaNikam assisted the demonstrations. SachinBongale, Neeta Shinde of KBC assisted the activity from Kolhpaur by managing necessary arrangements.

125 participants were benefited through workshop directly. Horticultre department staff Shri. Virendra Desai, Shri. Birajdar, Dr. R.T. Patil, Shri. Gujar from BKC college actively the workshop with their students. Students volunteered in organizing the event enthusiastically. Anchoring of the program was done bt Miss. Siddhi Ghonge ,Class B. Sc. II.

Output : Overall- the workshop was a success in achieving the goal of curiosity generation about Creative gardening skill

Hon. Shantadevi D. Patil, Dr. Bakhatawar Mahajan, IWSA , Mumbai, Suniti Deshmukh,President KBC, Kalpana Sawant, Convener, IWSA Kolhapur



Inaugural of Work shop



वेंगुर्ल्यात 'सृजनशील उद्यान कौशल्ये' कार्यशाळा
 वेंगुर्ले : डॉ. बाळासाहेब खाटेकर कॉलेज, वेंगुर्ले अंतर्गत प्रादेशिक फ्लोरिबोल्डन केंद्र व इंडियन युनिवर्सिटी ऑफ एग्रीकल्चरच्या संयुक्त विद्यमाने १४ रोजी सकाळी ९ वाजता स्थीत प्रादेशिक फ्लोरिबोल्डन केंद्राच्या सभागृहात 'सृजनशील उद्यान कौशल्ये' या विषयावर कार्यशाळा आयोजित केली आहे.
 बोनाप, बॉटल गार्डन व पुष्परचना या उद्यानरूपक कलात्मक विषयांची प्रकृति परिचायक व सुसज्जित स्थायी व त्यादीस व्यवसाय क्षेत्राचे मार्गदर्शन देण्यासाठीचे उद्दिष्ट आहे. मागेची सौभाग्यवश बोनापच्या उद्याना सुविधी देशमुख, इंडियन युनिवर्सिटी ऑफ एग्रीकल्चरच्या सत्यनरक चव्हाण यांनी या कार्यशाळेचे संचालन केले आहे. (१४/१२/२०२१)

Demonstrations and Exhibition



सिंधुदुर्ग जिल्हा

वेंगुर्लेत आजपासून काजू प्रशिक्षण कार्यशाळा सुरु आहे. या कार्यशाळेचा उद्देश काजू उत्पादनातून येणाऱ्या उत्पन्नाचा वापर करून घेण्यासाठी प्रशिक्षण देणे हा आहे. या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर कॉलेज, वेंगुर्ले येथे होत आहे.

गार्डन क्षेत्रात व्यवसायाला संधी
वेंगुर्लेत कार्यशाळा : बोनाप, बॉटल गार्डन, पुष्परचनेतून रोजगार

वेंगुर्ले, ता. १६ : पालघाटमध्ये पुरबीघाट येथे आयोजित झालेल्या हार्ने गार्डन प्रकल्पाचा सुरुवात कार्यक्रम झाले. डॉ. बाळासाहेब खाटेकर कॉलेज, वेंगुर्ले येथे आयोजित झालेल्या 'व्यवसाय संधी' या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले. या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले. या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले.

वेंगुर्ले : येथे प्रादेशिक फ्लोरिबोल्डन केंद्रातील सृजनशील उद्यान कौशल्ये या कार्यशाळेचे उद्घाटन झाले. डॉ. बाळासाहेब खाटेकर, श्रीमती डॉ. भक्तवत्सल महाजन, एम. डी. पाटील, प्राध्याप्ये व्ही. ए. देऊळकर आदी, या कार्यशाळेचे उद्घाटन केले. या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले.

या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले. या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले.

वेंगुर्ले : या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले. या कार्यशाळेचे संचालन डॉ. बाळासाहेब खाटेकर यांनी केले.

5 .2/2/17 : Wetland day Celebration :

Name of the activity : Demonstration on bottle and waste recycling to minimize water pollution.

Aim : To save wetlands from plastic pollution.

Objectives : i. To learn the skill of plastic recycling

ii. To minimize the plastic pollution

iii. To learn garden skills ‘

iv. To motivate for innovative skill learning for nature conservation.

Description :

Students collected 56 plastic bottles from waste. Dr. Dhanashree Patil told about plastic threat to wetlands and its flora and fauna. Bottles were cut and filled with soil to grow plant cutting.

6. Mangrove conservation program through Seminar : UGC, SAP ,DRS –II

Date : 4/3/2017

Aim : To learn “Biodiversity and coastal resources”

Objectives : i. To learn coastal biodiversity at research level.

ii. To understand the importance of bio resources for sustainable development

iii. To involve local communities in bio-resource management.

iv. To give exposure to the students about biodiversity research opportunities.

Resource Persons : (Shivaji University, Kolhapur)

Dr. Niranjana Chavan,

Dr. Kuralapkar,

Dr. Mahesh Gokhale

Description : The one day Seminar arranged by As a co-ordinator and panel discussion team members –of UGC, SAP ,DRS –II Seminar on “**Biodiversity and coastal resources**” organized by Dept. Botany Shivaji University ,Kolhapur in collaboration with RFRC ,Vengurle. It was good opportunity for students and teachers to know about the ecological and economical importance of coastal biodiversity. 4 resource persons : Dr.

Niranjana Chavan, Dr. Kuralapkar, Dr. Mahesh Gokhale given lectures with slides on bioresources and various strategies to conserve them sustainable for environment conservation with respect to social causes. Dr. D. K. Gaikwad, Dr. Pradip Haladawanekar, Dr. Mansing Nimbalkar, Dr. M. B. Gaikwad from Botany Dept. Shivaji University and Dr. Patole and Dr. Dhanashree Patil participated in panel discussion. Students expressed their views and status of mangrove localities in and around Vengurle. *Brugera* saplings were distributed among students near coastal areas for cultivation. Participant visited to mangrove locality –Manaseswar to study the estuarine habitat and related diversity. 40 students participated in One day seminar on “Biodiversity and coastal resources” organized by Dept. Botany Shivaji University ,Kolhapur in collaboration with RFRC ,Vengurle. Students were guided about role of mangroves in ecological ,economical and social aspects. Local student volunteers were chosen through panel discussions to take the responsibility of cultivation of mangrove species at local level.

Organizing team Committee members



7. Vanashree award by Govt of Maharashtra by Vanashree Award :

‘छत्रपती शिवाजी महाराज वनश्री पुरस्कार’



महाराष्ट्र शासनाचा प्रथम क्रमांकाचा ‘छत्रपती शिवाजी महाराज वनश्री पुरस्कार’
मा. मुख्यमंत्री श्री. देवेंद्र फडणवीस यांच्याकडून गार्डन्स क्लबला सन्मानित करण्यात आले

Extension work : Examination work :

Dr. D.S. Patil Worked as internal examiner for practical exams. Worked as Jr. supervisors in Sem. I & Sem. II.

Dr. R. T. Patil : Committee member of University Examinations at B. K. College.

SCOD, Mumbai Univ., Mumbai**Staff profiles :****1. Dr. D. S. Patil :****Conferences ,seminars and conventions :**

1.International level : Participation and appreciation by award. At International Bonsai convention and exhibition,at Mysore. (19th -20th Dec. 2016)

2.National level : 3rd Aug.2016: One day NAAC sponsored National Seminar on “ Teaching learning evaluation aspects for quality education in Rural areas.Participation as organizing committee member and paper presentation and publication.

3.One day Seminar on 4/3/2017 : As a co-ordinator and panel discussion team members –of UGC, SAP ,DRS –II Seminar on “Biodiversity and coastal resources” organized by Dept. Botany Shivaji University ,Kolhapur in collaboration with RFRC ,Vengurle.

4.Participation in The 8th world Bonsai Convention,Saitama City, Japan. :21st April -1st May,2017. : Through Kolhapur Bonsai Club, affiliated to Indo-Japanese association, Mumbai.

Award :

At International Bonsai Convention and exhibition, Mysore on 19th to 22nd Dec. 2016 ,Organized by World Bonsai friendship federation and Bonsai group of the IndoJapanese association ,Mumbai : for Spreading the art of Bonsai with emphasis on peace,friendship and goodwill as a leader and active bonsai artist.

1. Invited as a lead- speaker : 1. 12/12/16 : As a guest speaker on topic : Kitchen gardening by Bhagirati /mahila Mandal & B channel ,Kolhapur. Demonstration o Kitchen waste recycling and power point presentation on Kitchen gardening was delivered.

2. 28th Feb. 2017-2ndMarch 2017 :Batch 1-At training program on terrace gardening and kitchen gardening at RAMETI. (Staff training institute of Agriculture department, Kolhapur.

3. 6th March -8th March 2017 : Batch -2- At training program on terrace gardening and kitchen gardening at RAMETI. (Staff training institute of Agriculture department, Kolhapur.

Regional Agricultural Institute ,Kolhapure . Three days' training program was lead by Dr. D. S. Patil as speaker as well as field tour organizer on “ Kitchen gardening and terrace gardening” for the staff of agriculture department of Maharashtra. 50 staff from 4 districts were trained through the workshop.

4. 8/3/2017 : Womens' day celebration : As a co-ordinator: Lecture by Dr. Manjusha Deshapande , Director Community development center ,SUK. And Mr. Sujay Pitre of Kolhpur Street beautification project.On theme “ Be bold for a change : as a green soldier”

Publications :

1.Rosette : Annual magazine of Gardens' Club Kolhapur, Worked as coeditor and author of an article on

2. Publication paper in Proceeding book of **National level conference:** ISBN 978-81-924850-2-7 11th Feb. 2016.Pgs (210-215),Title of the paper : Botanical excursion an effective method for teaching ,learning and evaluation process.

3. Publication of calendar 2017,on 28th Dec. 2016 “ Kitchen gardening” informing the pictorial information about kitchen waste into organic fertilizers and setting the kitchen gardens.

4. Publication of an Article on Botanical biopesticides for Bonsai at Souvenir published at At International Bonsai Convention and exhibition,Mysore on 19th to 22nd Dec. 2016 ,Organized by World Bonsai friendship federation and Bonsa group of the Indo-japanese association

Contribution to Corporate life : Event organization:

1. Gardens' Club competition : Dr. D. S. Patil, President ,Gardens club, Kolhapur

Active participation in organizing “ Gardens' club, Kolhapur's 45th Flower show and garden competitions at Balodyan garden Kohapur. Udyan dindi, flower arrangements, Bonsai, plant nursery, water conservation, Waste management, Botanical fashion show, publication of rosette ,garden competitions were the major events covered under this 3 days-event. Hon. Shri. Vishwas Nangare-Patil ,DIG, Kop.& Mrs. Rupali Nangare,Patil, Smt. Bhagyashree Patil ,Rise and Shine ,Biotech,inaugurated the function and Prize distribution was done by Shri. Deshpande ,S.P. ,Kop.

Projects :

I) **Herbal Garden** : A proposed “*Ex-Situ* conservation of medicinal herbs from Maharashtra State” At : Shikshan Prasarak Manadal’s Gopal Krishna Gokhale College, Kolhapur Shri.Shahu High School,Jr. College,Kagal

. Sanctioned by National Medicinal Plant Board,Govt. of India, Ministry of Health and family Welfare, Department of Ayurveda, Yoga and Naturopathy ,Unani Sidha and Homeopathy (AYUSH),(Project Number – H6/MH-01/2015).

Primary work of collection of material, drying and powdering as well as extraction has been done.

SHIKSHAN PRASARAK MANDAL'S
BAR. BALASAHEB KHADEKAR COLLEGE, VENGURLA

Department of Botany

Departmental Activities 2017-18

1. Plantation of Cashew plants: Date : 16th June,2017

Aim : To participate in 1Crore plantation drive by Government of Maharashtra

Objectives: i. To motivate students to plant a tree

ii. To increase green cover around college

iii. To make the students learn commercial plantation and after care

iv. To build up teams for nature conservation.

Description : 150 cashew plants were arranged by Student representative Mr.

Students were teamed up for digging the pits with the assistance of Vengurla corporation.



Output : Successful plantation of 150 plants was done. Students and staff along with local people involved in after care responsibilities of the plants. Methods of plantation were learnt.



Active participation of students in plantaion and after care for survival of plants by watering in summer.



2.Navaratri celebration by organizing “Green Desk activity Sept.2018”:

Aim: To set innovative practice for plant identification

Objective: i.To study local flora

ii. To train students to identify and understand the importance of plants.

Description : With the help of students under guidance of Dr. D.S. Patil, plants of various colors of flowering were arranged and displayed at the Green Katta. 200 students, staff got advantage of identifying local medicinal plants and their ecological as well as economic benefit. Principal Dr. V. A. Dewoolkar inaugurated the activity.



Inaugural By Dr. V. A. Dewoolkar,Principal,
BK College



Day Pink : with pink flowers of
Gynandropsis pentaphyla



Day white with variety of white flowers



Day white

Outcome : Students and staff took interest in plant identification and learning it's importance. Daily discussions happened around green desk. Everybody enjoyed and added information about local species and their uses.

3. Visit to Mandavi Backwater safari project :Date : 18th December 2017:

Aim : To learn Mangrove ecosystem

- Objectives :**
- i. To understand the biotic and abiotic factors of Detritus ecosystem
 - ii. To observe the halophytic adaptations of plants
 - ii. To see the birds and other fauna along estuary
 - iv. To understand and interact with Coastal community about mangrove conservation.

Resource Person : Shweta Hule and Swamini Self-help group members.

Description : 25 students and 3 staff members benefited. Estuarine ecosystem was studied and bird watching under trained women force was done. They gave information of mangroves and their ecological and economic importance. Tavni Shirsat gave vote of thanks and shared the experience.



Outcome : Students experienced such type of Mangrove Safari for the first time and inspired to learn biodiversity related to Mangroves. They understood the importance of restoration of Mangroves.

4.2nd Feb.2018. International Wetland day :

Aim : To create awareness about Wetland restoration.

- Objectives :**
- i. To create awareness about wetland restoration
 - ii. To learn Ramsar convention objectives

Resource Person : Dr. R. T. Patil

Description: Lecture about Ramsar Convention to B.Sc. I and II students by Dr. R. T. Patil. 20 students participated in interactive way.

5.Seed bank development. : 28 .2.2018

Aim : To celebrate Science Day in innovative way

- Objectives :**
- i. To collect seeds
 - ii. To learn the importance of Seed Bank.
 - iii. To learn seed germination methods
 - iv. To conserve biodiversity



Seed Bank : Seed collection of Soap nuts and Shivan by Students

1. 3rd Oct. to 6 th Oct.2018	Poster presentation at International biodiversity Congress, FRI, Dehradun	International Biodiversity Congress, (IBC,2018) Biodiversity for ecological civilization.	Organized by Navadanya,CISSA,Wild life Institute of India, Forest Research Institute, Dehradun, India.	Kitchen Garden model : a Socio-economical ecosystem service to domesticate and conserve wild vegetable biodiversity.
2.16/2/2019 :	International conference		Kamala College, Kolhapur	Agroecology the scientific paradigm for sustainable agriculture

3.17.2.2019	Introductory training program by BNHS, India	Bombay natural History society and mangrove and marine biodiversity conservation foundation of Maharashtra	Participation	Bird monitoring ,bird migration techniques and central Asian flyway action plan.
4 18/02/2019	National conference on Inclusive rural development in Global Era- An Interdisciplinary approach	Govt. College of Arts ,Science and commerce Khandola ,Marcela-Goa,Goa University(with Department of Long learning and extension)	Paper presentation	Raibai Popare : The seed mother and women with potential of sustainable biodiversity conservation against the corporate war to protect Nature and culture
5. 16/12/2018	Avishkar research convention, 2018-19 Department of student development ,University of Mumbai	At A.R. Arts ,commerce and Science College, Vaibhavwadi	Guidance to Students on poster presentation	Wetlands Nirmal project

Award : Felicitatd with **Prestigious Maharashtra State Govt. Award : Chatrapati Shivaji – Vanashree Award,1st in state with 76 score for activities organization though Garden’s club ,Kolhapur,as a President, (Period :2014 to 2017.) On 1st July2018 with the auspicious hands of Chief Minister Maharastra Govt. at Mumbai. Mr. Devendra Fadanvis.**

*** Member of Sindhidurg wetland brief documentation committee under District colector**

Publications :

1. Article in Lokamat ,		Sindhudurga edition	Panthal Jaganche
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9 th Oct.2018			mahatwa
2. Roset ,publication.2018,Nov. 23 rd .	Editor		
3. 16/2/2019 :	Journal recognized by UGC		Agroecology the scientific paradigm for sustainable agriculture
4.An International Multidisciplinary Quarterly Research Journal AJANTA, ISSN 2277-5730, Volume VIII, Issue I ,Jan-March- 2019 18/02/2019	IMPACT FACTOR- 5.59(www.sjifact or.com)		Raibai Popare : The seed mother and women with potential of sustainable biodiversity conservation against the corporate war to protect Nature and culture

SHIKSHAN PRASARAK MANDAL'S

BAR. BALASAHEB KHADEKAR COLLEGE, VENGURLA

Department of Botany

Departmental Activities 2018-19

1. International Mangrove day celebration : Date : 23rd July 2018 :

Aim: To celebrate Mangrove day in fruitful way

Objectives: i. To involve students in understanding mangrove ecosystem

ii. To involve community in mangrove conservation

iii. To felicitate activists and local fisher women for mangrove conservation work

iv. To build up bridge among, academicians, researchers and society.

Description : 60 students and Swamini self help group participated. Mangrove foundation, Mumbai - Malvan team supported the activity by distributing informative posters and power point presentation was done. Local fisher women were felicitated and gave guidance to students.



Rohit Savant, Mangrove Cell Malvan : Gave Presentation :

Swamini Self Help Group of Local fisher women felicitated for Mangrove Safari work

Output : Fruitful discussion occur about Mangrove conservation. Interaction among Researchers, academicians and fisher women lead to design estuary cleaning and documentation activity. Wetland Day celebration was planned.

2.Wetland Brief Documentation - Sindhudurg district :

Aim : To understand the status of wetlands from Western Ghats

Objectives :

- i. To Study and record biodiversity along wetlands and discuss about it's wise use for sustainable development
- ii. To create awareness about wetland conservation among society through exhibition, cultural activities and field visits.
- iii. To set skill development projects through workshops for local fisherman communities and eco-tourism promotion through Mangrove safari.
- iv. To train students in assessing the biodiversity and make them **green ambassadors**.

Description : Wetland Brief documentation committee formed under guidance of District Collector. Sachin Desai and Dr. Balkrishna Gawade, Kanakavali College took lead to do the documentation of Flora ,fauna and status of wetlands in scientific way through contribution of local l ,academicians and researchers.Dr. Dhansahree Patil got the opportunity to study flora and fauna of 10 wetlands of Vengurla Tehasil. Site visits,identification od plants,biogeographical locations were recorded.

Field visits and meetings for Vengurla Wetland Documentation :

Sr. No.	Date	Place	Meeting /visit
1.	15.7. 2018	Kudal	Members of Sindhudurg Wetlands Brief documentation committee under district collector. Member representatives : Dr. D. S. Patil and Dr. V. M. Patole
2	18.7.2018	Vengurla	Mr. Mehaboob Shaikh, Univeristy of life, Dhamapur.To understanding the format of Wetland documentation and data feeding at Tehasiladar office. 60 members participated, Swamini self help group, Maza Vengurle team and college students and staff.
3	20.7.2018	Nishant Talalav,Vengurla	Field visit for Wetland survey : Nishant Talalav
4.		Bandh - Aravali	

	22.7.2018		Field visit for Wetland survey: Bandh Aravali
5.	8.8.18	Adeli Dharan	Field Visits : Adeli Dharan

Appreciable participation of Green Nature club members in field visits for documentation of Wetlands



Output : *Sindhudurga* district is land of wetlands with unique and rare biodiversity. Wetlands in Konkan nourish thousands of rare plant species. Mangrove estuaries are breeding centers for marine fauna. Anthropological threats are spoiling richness of these important ecosystems. Under able guidance and motivation of District collector committee is established for documentation of wetlands scientifically and systematically. Status of wetlands was understood with their restoration need and future violations considered. Mangrove cell , Forestry has started constructive projects and training along the coastal area of *Konkan*. Variety of fishery projects, conservation of Olive Reedley turtles is actively going on in the area. Conservation of Biodiversity along wetlands is prime necessity which needs awareness among localities and raising of green soldiers who understand the vital role of wetlands in underground water table

management and biodiversity conservation. They are source of sustainable eco-tourism. Which can play major role in socio-economical development of rural and urban areas. **Documentation is separately reported and book was published at conference which happened first time in India.**

3.A step to protect wetlands : Interaction with Dr. Asharaff, Wetland Advisory board ,Delhi, and visit to Dhamapur and Kudal

Date : 4.11.2018

Aim : To interact with high authorities about Wetland restoration policies

Objective :

- i. To actively participate in wetland restoration
- ii. To understand the government policy of Wetland conservation.
- iii. To involve Green nature Club members in action projects about Wetlands
- iv. To develop student's communication skills and personality development.

Resource Persons : Dr. Asharaff Ahmad, Delhi,

Shri. Samadhan Chavan ,District Forest officer.

Sachin Desai, University of Life ,Dhamapur.

Dr. Balkrishna Gawade, Asst. Prof. Kanakavali

Participation: 5 students : Pritish Lad, Sahili Ninave ,Nitin Kawathankar, Neha Gawade, Yuvaradni Patil with Dr. D. S. Patil .

Description:

Dr. Ashraf from National Wetland advisory board visited wetlands of Sindhudurg and Wetland Forest department and Sindhudurg Wetland Brief Documentation committee shown the Wetlands to Delhi team. Students gave letters about wetland conservation of Sindhudurg to committee. It was great exposure and encouragement to students to learn and work regarding Wetland conservation and creating awareness about the same among society. Pritish Lad talked about wetlands of Vengurla.

Output: Involvement of students and their

interactive spirit was initiation of Green Ambassadors development.

A step to protect wetlands : Written application was presented about Wetland protection by BKC students to Shriman Asharaff ,Shri. Samadhan Chavan, Forest Department.



Prithish Lad spoke about the Wetlands concern.



Visit to Dhamapur Wetland

अफरोज अहमद : धामापूर, पाट येथे चर्चासत्र, तलावांना समितीसोबत भेट

पाणथळ भूमी संरक्षित करण्याची गरज

लोकमत न्यूज नेटवर्क

सायंतवाडी : पाणथळ भूमी या पर्यावरणातील किडनी आहेत. जशी किडनी शरीरातील रक्त शुध्द करते, तशाच या पाणथळ भूमी पर्यावरण शुध्दीकरणचे कार्य करतात. पर्यावरण व मानव यांनी सुवर्णमध्य काढून विकास करावा. पाणथळ भूमी, वने, जीवमनु संरक्षित केले नाहीत तर आपले पृथ्वीवरील अस्तित्व धोक्यात येईल. पासाठी सर्वांनी एकत्र येऊया, असे मत भात सरका या नर्तदा नियंत्रण प्राधिकरण जलसंशोधन नदी विकास आणि गंगा संरक्षण मंत्रालयाचे सहाय्यक अ. अफरोज अहमद यांनी मांडले.

डॉ. अहमद यांनी सिंधुदुर्ग जिल्ह्यातील धामापूर व पाट तलावांना पाणथळ समितीसोबत भेट दिली. त्यानंतर पाणथळ समितीच्यावतीने 'अ स्ट्रेप टू प्रोटेक्ट वेटलँड' या चर्चासत्रात सहभागी होत



सिंधुदुर्ग जिल्ह्यातील धामापूर येथील तलावाची डॉ. अफरोज अहमद यांनी पाहणी केली. यावेळी समाधान चव्हाण, सुभाष पुराणिक, सादिया अहमद उपस्थित होते.

त्यांनी मार्गदर्शन केले. यावेळी त्यांच्यासोबत सादिया अहमद, उपवनसंरक्षक समाधान चव्हाण, सहाय्यक उपवनसंरक्षक सुभाष पुराणिक, विलास काणे, वनस्पतीतज्ञ डॉ. बाळकृष्ण गावडे, वनस्पतीतज्ञ मिलिंद पाटील उपस्थित होते.

डॉ. अहमद म्हणाले की, पाणथळ जागा ह्या पर्यावरणाच्या व आपल्या दृष्टीकोनातून फार महत्त्वाच्या आहेत. भूमिगत पाण्याची पातळी तर वाढतेच, त्याचबरोबर पर्यावरणातील वातावरणीय बदल दोपण्याचे काप याद्वारे केले जाते. भूमीच्या सभोवतालचे तापमान हे ४ ते ५ अंश

सेल्सिअसने कमी असते. वनस्पदा, प्राणीसंपदा यांचे हे हॉटस्पॉट आहेत व त्यांचे जतन करणे आवश्यक आहे, असे मन्ही डॉ. अहमद यांनी व्यक्त केले.

यावेळी सिंधुदुर्ग वन विभागाच्यावतीने डॉ. अहमद यांना पाणथळविषयी माहिती देण्यात

..तर पृथ्वीवरील अस्तित्व धोक्यात

- पाणथळ भूमी, वने, जीवमनु संरक्षित करणे गरजेचे
- सिंधुदुर्ग जिल्ह्यातील ६४ पाणथळ भूमींचे सर्वेक्षण
- अहवाल शासनाला सख्ख करण्यात आला.
- चर्चासत्राला मिलिंद विलास प्रतिताद.
- पाणथळ जागा ह्या पर्यावरणाच्या व आपल्या दृष्टीकोनातून फार महत्त्वाच्या : अहमद.

आली. जिल्ह्यात ३७३ पाणथळ भूमी आहेत. त्यातील केवळ ६४ पाणथळ भूमी म्हणून सर्वेक्षणासाठी नियुक्त करण्यात आले. यावर डॉ. अहमद यांनी इतर पाणथळ भूमी या सर्वांनी निवृत्त संरक्षित केल्या पाहिजेत व त्यातून 'व्हडस सिंधुदुर्ग' अशी ओळख निर्माण केली पाहिजे, असे सांगितले.

सचिन देसाई यांनी उच्च न्यायालयात माहिती सादर केल्यानंतर न्यायाधिकाऱ्यांनी सिंधुदुर्ग जिल्ह्यात सर्वसाधारण एकर येऊन कसे काम करतात, ते सांगितले. याप्रमाणे राखत इतकती झाले पाहिजे, अशी भूमिकाही त्यांनी यावेळी मांडली. पाणथळ जमिनीचे सर्वेक्षण, असेही देसाई यांनी सांगितले.

पाणथळ भूमी संरक्षणाच्या दृष्टीकोनातून उच्च न्यायालयाच्या आदेशानुसार सिंधुदुर्ग जिल्ह्यातील ६४ पाणथळ भूमींचे प्राथमिक सर्वेक्षण करून त्याचा अहवाल शासनाला सादर करण्यात आल्याचे यावेळी स्पष्ट करण्यात आले. याच विषयाला अनुसरून हे चर्चासत्र आयोजित करण्यात आले होते. त्याला चांगला प्रतिसाद मिळाल्याचे उपवनसंरक्षक चव्हाण यांनी सांगितले.

पाणथळ भूमी संरक्षणासाठी यावेळी प्रा. इमर खान व अमजिन खान यांनी मालवणी गावाचे सादर केले.

पाणथळ भूमी संरक्षित करा : अफरोज अहमद

लोकमत न्यूज नेटवर्क

सायंतवाडी : पाणथळ भूमी या पर्यावरणातील किडनी आहेत. जशी किडनी शरीरातील रक्त शुध्द करतात, तशाच या भूमी पर्यावरण शुध्दीकरणचे कार्य करत असतात. पर्यावरण व मानव यांनी सुवर्णमध्य काढून विकास करावा. पाणथळ भूमी, वने, जीवमनु संरक्षित नाही केले तर

आपले पृथ्वीवरील अस्तित्व धोक्यात येईल. यासाठी सर्वांनी एकत्र येऊया, असे मत नर्तदा नियंत्रण प्राधिकरण जलसंशोधन नदी विकास आणि गंगा संरक्षण मंत्रालयाचे सहाय्यक अ. अफरोज अहमद यांनी मांडले.

डॉ. अहमद यांनी सिंधुदुर्ग जिल्ह्यातील धामापूर व पाट तलावांना पाणथळ समितीसोबत भेट दिल्या. तसेच पाणथळ

समितीच्यावतीने 'अ स्ट्रेप टू प्रोटेक्ट वेटलँड' या चर्चासत्रात सहभागी होत त्यांनी मार्गदर्शन केले. यावेळी त्यांच्यासोबत सादिया अहमद, उपवनसंरक्षक समाधान चव्हाण, सहाय्यक उपवनसंरक्षक सुभाष पुराणिक, विलास काणे, वनस्पतीतज्ञ डॉ. बाळकृष्ण गावडे, वनस्पतीतज्ञ मिलिंद पाटील आदी उपस्थित होते.

पाणथळ जागांचे महत्त्व

जिल्ह्यात ३७३ पाणथळ भूमी आहेत. त्यातील केवळ ६४ पाणथळ भूमी म्हणून सर्वेक्षणासाठी नियुक्त करण्यात आले. यावर डॉ. अहमद यांनी इतर पाणथळ भूमी या सर्वांनी निवृत्त संरक्षित केल्या पाहिजेत व त्यातून 'व्हडस सिंधुदुर्ग' अशी ओळख निर्माण केली पाहिजे, असे सांगितले.

सायंतवाडी : पाणथळ भूमी या पर्यावरणातील किडनी आहेत. जशी किडनी शरीरातील रक्त शुध्द करतात, तशाच या भूमी पर्यावरण शुध्दीकरणचे कार्य करत असतात. पर्यावरण व मानव यांनी सुवर्णमध्य काढून विकास करावा. पाणथळ भूमी, वने, जीवमनु संरक्षित नाही केले तर आपले पृथ्वीवरील अस्तित्व धोक्यात येईल. यासाठी सर्वांनी एकत्र येऊया, असे मत नर्तदा नियंत्रण प्राधिकरण जलसंशोधन नदी विकास आणि गंगा संरक्षण मंत्रालयाचे सहाय्यक अ. अफरोज अहमद यांनी मांडले.

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4.Participation in 2days Biodiversity meet at Amboli : . 5 and 6.11.2018

Aim : To learn biodiversity studies with respect to research prospectives.

Objectives : i. To understand field study skills about biodiversity assessment

ii. To learn latest aspect of biodiversity

iii. To experience forest trek with experts

iv. To observe the nature

Participants : 5 students of Green Nature Club : Sahili Ninave, Yuvaradni Patil ,Pritish Lad, Shivani Bandekar, Neha Gawade and Dr. D. S. Patil ,

Description : Attended 8 sessions about biodiversity of Western gnats. Leant Nature photography, Illustration techniques, Plant identification, night trails and trekking to forest.



Inaugural : Dr. Asharaff



With Chief guest Mrs. Asharaff



With District Collector Shri. Pandarappte



With Plant Taxonomist Dr. Bachulakr

Field studies :



5. Wetland retreat at Pendur :

Date : 26-27.1.2019 :

Aim : To meet Sindhudurg Wetland Brief Documentation Committee

Objectives : i. To meet members of Wetlan Breif Documentaion committee

ii. To discuss about Wetland Conference

iii. To learn wetland documentation

iv. To involve students in main stream of wetland documentation.

Participant : Students : Pritish Lad, Neha Gawade, Komal Mayekar and Dr. D. S. Patil

participated.37 members of Sindhudurg Wetland committee meet.

Resource Persons : Dr. Balkrishna Gawade, Sandeep Rane, Host : Rajadhyaksh, Avinash Sant.

Description : Visit to Pendur and Ambekhan wetland , Book publication outline discussion and power points on Wetland flora and fauna was great experience. Team building and bonding the team was done by Wetland retreat.



Pendur Lake : Dr. Balkrishna Gawade



Stay at Pendur : presentations



Ambekhan wetland : Photography session



Bird Watching with Avianash Sant

6.National workshop on Wetland restoration and Mangrove festival:

Dates : 2 -3. 2.2019. .:

Aim : To Create mass awareness about Wetland restoration and mangrove conservation.

Objectives :

1. To understand the status of wetlands from Western Ghats
2. To Study and record biodiversity along wetlands and discuss about it's wise use for sustainable development
3. To create awareness about wetland conservation among society through exhibition, cultural activities and field visits.
4. To set skill development projects through workshops for local fisherman communities and eco-tourism promotion through Mangrove safari.

World Wetland Day Celebration and Mangrove festival (WWCF : 2019)

Organized by Br. BalasaebKhardekar College, Vengurle.(Department of Botany, Zoology and Rural Development and department of History and Sociology) and Sindhudurg wetlands brief documentation committee

Supported by : Sindhudurg and District planning department Sindhudurg, Forest Department, Sindhudurg, Mangrove Foundation, Mumbai.

In collaboration with

Indian Women Scientists' Association, Kolhapur

Department of Botany Shivaji University, Kolhapur.

Gardens Club, Kolhapur

Regional Fruit Research Station ,Vengurle and Horticulture college, Mulade

BharatiyaJalSanskritiMandal

SwaminiMahilaBachatgat,Mandavi

Center for contemporary research (CCR)N.I.O.Goa

Participants : Participation of more than 5000 people. (200 registrations and visitors)

Committee :

Patrons :

Shri.Jaykumar M. Desai,Secretary S.P. Mandal ,Kolhapur

Shri.Daulatrao J. Desai, Council member, S. P. Mandal,Kolhapur

Dr. Manjiri A. More,Desai, Administrative officer, S. P. Mandal, Kolhapur

Principal , Dr. V. A. Dewoolkar, Br. B.K. College ,Vengurla

Advisory committee

Dr. N. S. Chavan, Convener IWSA,Dept. of Botany, Shivaji University ,Kolhapur

Prof. Dr. P. Haladawanekar, Mulade, College of Horticulture, Dapoli University.

Shri .Sachin Desai, Syamantak,University of Life, Dhamapur

Dr. Anilaraj Jagadale, Bharatiya Jal Sanskruti Manaal

Co-ordinator

Dr. Dhanashree Sagar Patil, Department of Botany, BKC

Convener : Kalpana Savant, Gardens Club ,Kolhapur.

Organizing Secretary

Dr. V. M. Patole, Department of Zoology, BKC

Organizing committee :

Prof. Vivek. Chavan, Department of Rural Development

Prof. Arolakar ,Dept. of Sociology

Background :

Sindhudurg district is land of wetlands with unique and rare biodiversity. Wetlands in Konkan nourish thousands of rare plant species. Mangrove estuaries are breeding centers for marine fauna. Anthropological threats are spoiling richness of these important ecosystems. Under able guidance and motivation of District collector committee is established for documentation of wetlands scientifically and systematically. Status of wetlands was understood with their restoration need and future violations considered. Mangrove cell , Forestry has started constructive projects and training along the coastal area of *Konkan*. Variety of fishery projects, conservation of Olive Reedley turtles is actively going on in the area. Conservation of Biodiversity along wetlands is prime necessity which needs awareness among localities and raising of green soldiers who understand the vital role of wetlands in underground water table management and biodiversity conservation.

Indian council 15A strongly recommend the conservation of wetlands as a prime duty of every Indian. ISRO has recorded 23046 wetlands in Atlas of Wetlands. Sindhudurga has 373 wetlands on record. Ramsar convention is signed by India in 1982. In India 26 Ramsar sites are recorded which have International status and they are source of sustainable eco-tourism. Which can play major role in socio-economical development of rural and urban areas. Vengurle is beautiful port with untouched biodiversity treasure. Br. Balasaheb Khardekar College established in 1961 under Mumbai University. Department of Botany, Zoology, Rural Development, History and Sociology are consistently involved in studying wetlands and organizing water management programs as well as biodiversity conservation awareness activities. By celebrating International wetland day institute is inviting related organizations to support the conservation activities by creating awareness among local people as well as to encourage activists ,scientists and society through cultural programs and exhibitions . Together we can start a green tradition of mangrove day celebration on every 2nd Feb. and continue the support to women self-help groups who are really conserving the traditions, nature and culture in sustainable way.

Theme : Wetlands restoration and Mangrove Ecosystem conservation.

Sub-themes :

1. Study of floral and faunal biodiversity of wetland eco-system and mangrove ecosystems
2. Restoration strategies of wetlands development
3. Mangrove eco-tourism for sustainable development
4. Social awareness about wetland eco-system and mangrove conservation
5. Wise use of wetlands for economic development.
6. Socio-economical aspects in co-relation with wetlands and mangroves
7. Legal strategies about conservation of mangroves and wetlands



Inaugural and Jaldindi to create awareness : President of the function : Dr. Niranjan Chavan and Chief Guest -Hon.Minister, Shri. Deepak Kesarkar



Drawing competition

Cultural Program anchored by Dr. Mansiha Mujumdar



Workshops, Field visits, Felicitations, Lecutres, Exhibition



**Bird Watching,
Photography
session,work shops
and field visits.**



Program :

2nd Feb.2019 :Garlanding the statue of Ho. Br. BalasahebKhardekar, Wetland day celebration and Mangrove Festival teams Marched Towards Mandavi estuary.

Inauguration :

Jaldindi : Procession about water conservation in traditional way.

Awareness creation about Wetlands restoration and mangrove ecosystem conservation was made through a procession in which 1200 participants involved enthusiastically. College students, school children, teachers, scientists, NGOs, Forest department, research institutes participated with traditional drapery and carrying the water pots with floral decoration and Kalash with palakhi –a traditional worship way in Konkan culture attracted attention of thousands of local people. Rally of 2 km length in systematic discipline was record breaking movement with scientific theme.

Inaugural :

By Jal-KalashpujanMandavi ,Mangrove site. **Mangrove safari.** : Hon. Minister Shri. Deepak Kesarkar inaugurated the program in presence President of the function Prof. Dr. NiranjanaChavan, Department of Botany ,Shivaji University and Convener of Indain Women Scientists Association, Kolhapur. Function was graced with presence of Shri. SamadhanChavan,D.F.O. Savantawadi,Corporators of VengurlaTehasil, President Gardens Club ,Kolhapur, Mrs. Kalpana Savant, President, BharatiyaJalSanskritiMandal DR. AnilrajJgadale, Principal Dr. V.A. Dewoolkar,Br. B.K. College, Vengurle, Prof. Savant form Fruit research Station, Vengurla under Dapoli Agricultural University, Members of Sindhudurg Wetland Brief Documentation committee – Dr. BalkrishnaGawade,Kanakavali, Shri. Sachin Desai, Dhamapur and Shri.SandeepRane. Mangrove foundation ,Mumbai was represented by DurgaThigale and Rohit and his team from Malvan cell.

Hon. Minister Shri. Deepak Kesarkarappreciated the efforts taken by organizers to popularize the concept of Mangrove conservation and wetland documentation in SindhudurgDistrict ,which is first attempt Nationwide.He said,Nature conservation is need of the era.Konkan has rich biodiversity which should be used sustainably to empower local fisherman communities. The exhibition of Old heritage of Konkan was center of attraction. Hon. Shri.DilipPandharapatte ,District Collector also visited the exhibition. SwaminiSelf help group got engines for their mangrove safari project. Mangrove safari is unique project under leadership of Mr. ShwetaHule. Local fisher women are perfectly trained as green soldiers to protect mangroves at Mandavi. Food provided to participants was specifically local to encourage cultural traditions and food products.Swaminiself help group accepted the challenge to provid it ot more than 200 participants.Mrs. sushamKeni and Eureka Club member students, college of forestry students,

Dr. Ghuguskar College of Horticulture, Mulade were present for the function. Dr. Manisha Mujumdar anchored the program.

Book release :Sindhudurg a land of Wetlands :

was released by Hon. Shri. Deepak Kesarkar. Book is documentation of 64 Wetlands studied by Wetland Brief Documentation committee under guidance of District Collector office with respect to Flora and fauna as well as restoration strategies. 1000 final copies of the final additions of booklet will be soon printed and distributed.

Technical sessions :

The session started at Regional Fruit Research Station auditorium. Dr. V. M. Patole, conducted the sessions. Prof. B. G. Gaikwad anchored the program.

Lead lecture by Smt. Sheetal Pachpande, Assistant Director, Mangrove foundation, Mumbai.: Mangrove conservation.

Sachin Desai, Wetland Brief Documentation committee : Sindhudurga Wetland– Dhamapur lake

Dr. Divakar Naidu , Center for Contemporary research, NIO Goa : Climate Change and wetlands

Dr. Onkar Chauhan : Center for Contemporary research, NIO Goa : Sea level rise threat to wetlands

Dr. Balkrishna Gawade : Floral diversity : Sindhudurga wetlands wetlands

Myrstin swamps : Onkar and Ambekhan by Pritish Lad

Faunal diversity : Birds at Sindhudurga wetlands : Sunil Sutar

Panel discussion : Lead by Dr. Anilraj Jagdale (BJMS Chairman)

and Dr. Niranjan Chavan(Convener ,IWSA) :

25 members participated in panel discussion. The points were recorded by Dr. Anilraj Jagdale regarding sustainable wetland restoration policy.

Field visits :

Visit to Ambekhan(Parbwada) : 200 participants enjoyed the birds studies at site. Understood the Ambekhan wetland and its floral and faunal diversity. Sarpanch Shri. Parab involved in discussion about the biodiversity of Ambekhan.

Nishan Talav : 3rd Feb. 8 to 9 a.m.: Dr. Anilraj Jagdale Explained the Geological aspects of wetlands and dams.

Ambekhan : Nature Photography aspects were explained by Shri. JayantBowalekar. Tarannum and Mehaboob from ShivajiUniverity talked about microflora of Wetlands and sample collection methods to identify the microbes.

Mangrovsafari : Smt. ShwetaHule, and team row the boats for participants and explained estuarine ecosystem to participants.

Cultural Program(Mandavi): Under guidance of Senior Prof. Shri. PradeepVodavodekarcultural evening was organized.To encourage local artists local folk arts were performed by tudents and local artists. Fugadi, Koli dance, Dashavatar and street play were performed . Participants also enjoyed the karaoke performance of JayantBoealekar, Prf. VivekChavan.

Exhibition at Mandavi :

Innovative ideas about nature conservation were displayed through exhibition.

1.**Swamini self-help group** arranged local spices, pickles of mangrove associated Portulaca leaves, Gavathi Bazar specifically arranged variety of local rice, endemic Banana cultivars,Hibiscus syrup,compost culture bricks, coconut butter soap etc.

2. **Students from College of Horticulture Mulde**displayed the creative Cocadomas saplings,ornamentalTerrauium –Aquarium combo and fishery related posters.

3. **Depatment of Botany ,Shivaji University, Kolhapur :** Poster presentation on Floral and Faunal diversity within Mangrove ecosystem was displayed. 35 students participated through it.

4. **Green nature Club, Br.BalasilahebKhardekar College, Vengurla :** Recycled bottles collected from beach, posters and photos of Flora and fauna from wetlands was displayed to create awareness about Wetland restoration and it's biodiversity.

5. **Cultural heritage by History Department :** Potteries and agricultural as well as house hold tools represent the local culture. Old treasure of 200 such a tools were exhibited under guidance of Dr. V. A. Dewulkar. Eco-froendly material used by local farmers and fishermen are good substitute to plastic. The designs and creativity through them was appreciated by visitors. It was a treat to create curiosity about local heritage collected from 13 villages around Vengurla.

6. **Wooden boat and nature Rangolidisplay :** Wooden 50 years boat decorated with palm leaves and flowers and wetland birds was focal point giving message of Wetlands conservation.

3rdFeb.2019 :Continued Mangrove festival. Poster presentation

Bird watching and biodiversity understanding and Photography at Wetland sites :Mandavi Mangrove safari

NishanTalav, Ambe Khan and Narayan Talav.(JayantBowalekar)

Art festival : Drawing competitions and relative arts demonstrations. Drawing completion was declared on theme Wetlands. 69 students from schools and colleges participated in drawing

News :

लोकमत

दीपक केसरकर : वेंगुर्ले येथे राष्ट्रीय कार्यशाळा, ग्रामीण वस्तूसंग्रहालयाचे उद्घाटन; जागतिक पाणथळ दिनानिमित्त आयोजन

...तरच जिल्ह्याच्या पर्यटनाला चालना मिळेल

वॅटरी ऑपरेटेड बसेस, पाणबुड्या देणार!

● पर्यटन हा उद्योगाचा अग्रगण्य अडथळा बनत पाहिले. उपयुक्त पर्यटन आणि वस्तूसंग्रहालय पर्यटकांना निर्णय घेण्यास मदत करेल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल.

● या उद्योगात कार्यरत असलेल्या विकासासाठी उद्योगाचा विकास होईल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल.



वेंगुर्ले येथे आयोजित पाणथळ जला व वातावरण संरक्षण अभियान तटस्थ कार्यशाळेच्या उद्घाटनसभेची दीपक केसरकर यांनी मार्गदर्शन केले. यावेळी डॉ. विठ्ठल वडवान, दिलीप बंधारे, सहाय्यक वडवान, बमल इतर, राध पोखरी, वैभव लखरे, सुनील मोहनकर उपस्थित होते.

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पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल. पर्यटन क्षेत्रात विकासासाठी उद्योगाचा विकास होईल.

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चित्रकला स्पर्धेत श्रेयस गवंडे, विष्णू आरोलकर प्रथम

बेगुलें : बॅ. बाळासाहेब खर्डेकर महाविद्यालयातर्फे घेण्यात आलेल्या राष्ट्रीय कार्यशाळेत प्राथमिक व माध्यमिक शाळेतील मुलांना पाणथळ व कांदळवन विषयी महत्त्व पटवून देण्यासाठी घेण्यात आलेल्या चित्रकला स्पर्धेत मोठ्या गटात श्रेयस राधाकृष्ण गवंडे व लहान गटात विष्णू उदय आरोलकर याने प्रथम क्रमांक पटकावला. मोठ्या गटात बाळकृष्ण दत्ताराम गोवेकर द्वितीय, गायत्री गोपीचंद्र बागुल तृतीय व उत्तेजनार्थ नितीश साबजी करंगुटकर यांनी क्रमांक पटकावला. लहान गटात समता राजन कांबळे द्वितीय, प्रगती जगदिश किनळेकर तृतीय तर उत्तेजनार्थ सेजल संजय किनळेकर यांनी पटकावला. बॅ. बाळासाहेब खर्डेकर महाविद्यालयाचे विद्यार्थी आशिष सायंगो पालकर व श्यामराव विठ्ठल केरकर यांनीही यावेळी उत्स्फूर्तपणे चित्र रेखाटले. त्यांचाही प्रा. पी. डी. होडावडेकर यांच्या हस्ते प्रमाणपत्र देऊन सत्कार करण्यात आला. परीक्षक म्हणून प्रा. देवीदास आरोलकर यांनी काम पाहिले.

जागतिक पाणथळ दिन व कांदळवन राष्ट्रीय कार्यशाळेस जिल्हाधिकाऱ्यांची भेट



जागतिक पाणथळ दिन व कांदळवन उत्सव अंतर्गत वेंगुर्लेतील राष्ट्रीय कार्यशाळा व प्रदर्शनाची पहाणी करताना जिल्हाधिकारी दिलीप पांढरपट्टे सोबत अन्य. प्रहार 05/02/2019

► वेंगुर्ले (प्रतिनिधी)

बॅ. बाळासाहेब खर्डेकर महाविद्यालय आयोजित जागतिक पाणथळ दिन व कांदळवन उत्सवांतर्गत भरविण्यात आलेल्या राष्ट्रीय कार्यशाळा व प्रदर्शनास सिंधुदुर्ग जिल्ह्याचे जिल्हाधिकारी दिलीप पांढरपट्टे यांनी भेट देऊन पहाणी केली. या कार्यशाळेतील आणि प्रदर्शनातील पारंपारिक गृहपयोगी वस्तु तसेच अन्य विषयीची मांडणी व कांदळवन सफर पाहून श्री. पांढरपट्टे यांनी कौतुक केले.

वेंगुर्ले महाविद्यालयाच्या इतिहास विभागातर्फे पारंपरिक व गृह उपयोगी जुन्या वस्तूंचे व शेती उपयोगी

अवजारे संग्रह, ग्रीन नेचर क्लबचे सीड बँक, पाणथळ व कांदळवन संबंधी हस्तचित्रे, वाल्मी पेंटींग, बॉटल सजावट (टाकाऊ) इ, महाराष्ट्र वनखात्याचे कांदळवन कक्ष आणि कांदळवन प्रतिष्ठानचे जैवविविधता संवर्धन उद्यानविद्या महाविद्यालय मुळदेचे कोकेडामा डिझाईन्स, राणे सृष्टी कृषीपर्यटनचे गावठी बाजार, स्वामिनी महिला बचत गटाचे मॅनग्रीव्ह, घोळ पासूनचे विविध प्रक्रिया पदार्थ इ. स्टॉलना श्री. पांढरपट्टे यांनी भेटी देऊन माहिती घेतली व त्यांनी घेतलेल्या परिश्रमाबद्दल कौतुक केले. तसेच स्वामिनी महिला बचत गटाच्या संचालिका श्वेता हुले यांनी मॅनग्रीव्ह

इकोटुरिझम प्रोजेक्ट संबंधी होडी सफारीच्या माध्यमातून कांदळवन व खारपुटी परिसंस्था व संबंधीत पशू-पक्षी यांच्या अधिवासाविषयी माहिती दिली. यावेळी महाविद्यालयाचे प्राचार्य डॉ. विलास देऊलकर यांनी जिल्हाधिकारी दिलीप पांढरपट्टे व उपवनसंरक्षक समाधान चव्हाण यांना टेरारियम देवून स्वागत केले. यावेळी राष्ट्रीय कार्यशाळा समन्वयक डॉ. धनश्री पाटील, समिती सदस्य राजाराम चौगले, क्रीडासंचालक प्रा. जयसिंग नाईक, उद्यानविद्या विभागाचे अरविंद बिराजदार आदि उपस्थित होते. यावेळी उपस्थितांचे स्थानिक समिती सदस्य सदाशिव भेंडवडे यांनी आभार मानले.

SHIKSHAN PRASARAK MANDAL'S
BR. BALASAHEB KHADEKAR COLLEGE, VENGURLA

Activities Report 2019-20

1. Wild vegetable studies : Date : 20.7.2019

Aim : To identify the local wild vegetables.

Objectives: i. To understand the importance of Wild vegetables

ii. To visit plateaus for understanding the ecosystem

iii, To interact with local communities about wild vegetable conservation

iv. To involve youth in wild vegetable related activities

Resource person : Local NGO group Maza Vebgurla team

Participants : 6 students with Dr. Dhanashree Patil joined group of 34 local nature lovers.



Description : Traditional knowledge of Wild vegetables was understood from experts of Maza Vengurla Team.

Output : Three girls participated in wild life vegetable cooking competition and got certificates

2. Mangrove day celebration: At hall no.2 : 26.7.2019 :

Aim : To create awareness and action plan for Mangrove conservation

Objectives : i. To involve students in poster making to about mangroves

ii. To develop capacity to present the subject through street play.

iii. To draw the posters to express thoughts about mangrove conservation

iv. To interact with forest department and mangrove cell

Resource person : Shri. Sagar Karande, Forest Department, Vengurla

Team : Mangrove Foundation Cell ,Malvan.

Participants : 64 students participated along with staff and NGOs.

Description : Green Nature Club members presented the skit about Mangrove conservation. 15 posters were made for the competition which were displayed. Dr. Dhanashree Patil talked about Mangrove conservation.

Team BKC Green Nature Club actively presented skit and posters on Mangrove Conservation



5. World Wetland Day Celebration :

Date : 3rd & 4th Feb. 2020

Event : Two Days Workshop on Ecotourism for Sustainable Development

Organized by : Br. Balasaheb Khardekar College, Vengurla (Dept. of Botany & Dept. of Rural Development), Mangrove Foundation, Maharashtra, New Architect College, Kolhapur

Aim : To raise youth force in active conservation of Wetlands through field visits and lectures on site

Objective :

- i. To involve youth and school children in Wetland restoration
- ii. To develop skills of gardening among students
- iii. To promote eco-tourism
- iv. To build up a bridge between rural and urban youth and resource persons for sustainable growth

Organizing Committee :

Principal, Dr. V.A. Deulkar, Br. Balasaheb Khardekar College, Vengurla

Dr. D.S. Patil, Head, Dept. of Botany

Prof. Vivek Chavan, Head, Dept. of Rural Development

Description : Architect College students and staff of New Architect College (35) are visiting Vengurla to learn Waste Management and to understand Wetland Biodiversity as well as Mangrove Ecosystem. Students of Br. Balasaheb Khardekar College have studied Wetlands of Vengurla Tehsil. Ecotourism for Sustainable Development is possible through such interactive workshops.

On 3rd & 4th February, 2020, two-day workshop on "Ecotourism for Sustainable Development" was held in Vengurla as a part of World Wetland Day celebration. The workshop was jointly organized by Br. Balasaheb Khardekar College, Vengurla, Mangrove Foundation, Maharashtra, ZPPP School Vengurla No. 4 & Shri Prince Shivaji Maratha Boarding House's (SPSMBH's) College of Architecture, Kolhapur. Presentation lectures on Waste Management in Vengurla City, Ecotourism, Wetlands of Vengurla, Architecture in Sustainable Development as well as field visits to Swachh Bharat Paryatan Sthal, Mangrove Safari, Dutch Wakhar,

Ambekhan & Dhamapur Lake Heritage Walk & Dashavtar a folk drama were arranged on behalf of this.

Hon. Mr. Vaibhav Sabale, Chief Officer of Vengurla Municipal Council was the chief guest of the program. Total 50 students from SPSMBH's College of Architecture, Kolhapur & Br. B. K. College, Vengurla were participated in the workshop.

Prof. Dr. Dhanashree Patil, Head Botany Department & Prof. Vivek Chavan, Head, Rural Development Department were the coordinator of the workshop. Principal Dr. Vilas Dewoolkar, Br. Balasaheb Khardekar College, Vengurla, Headmaster Mrs. Sandhya Behere, ZPPP School Vengurla No. 4, Mrs. Durga Thigale from Mangrove Foundation & Prof. Vandana Pusalkar from SPSMBH's College of Architecture, Kolhapur helped in the smooth conduct of this workshop. Participants enjoyed the "Dhamapur Lake Heritage Walk" at Dhamapur. At this time, Mr. Mohammad Sheikh & Ms. Mrunalini Desai gave information about the history of Bhagwati Mata temple & flora, fauna & historical heritage of Dhamapur Lake.

In the afternoon session, Prof. Vandana Pusalkar from Architecture College gave guidance on "River Conservation & Sustainable Development in Architecture".

Later, Mr. Mohammad introduced about the various products & innovative initiatives run by the University of Life such as multi- purpose fruit pills enzymes, traditional home building techniques, homemade soaps, red Hibiscus syrup, homemade toothpaste, Kokum butter, Cashew apple pickle, lime making from mussels etc.

After this, the students of the College of Architecture presented video clips on "Nature Conservation & Jayanti River Conservation". The workshop concluded with feedback from the participants & thanks to all.

Followed following Programs :

Day 1 : Monday, 3rd Feb. 2020

11:00 am : **Arrival** of Kolhapur team

11:00-12:00 pm : **Inaugural** by development of School Garden on theme Wetland at Z.P.P.P. School Vengurla No. 4

12:00-12:20 pm : Lecture on **Waste Management** by *Hon. Mr. Vaibhav Sabale*, C.O. of Vengurla

12:20-12:40 pm : Lecture on **Ecotourism** by *Mrs. Durga Thigale*, Biodiversity and Livelihood Specialist, Mangrove Foundation, Maharashtra

12:40-01:00 pm : Presentation on **Wetlands of Vengurla** by *Nitin Kawthankar* and *Pritish Lad*

01:00-02:00 pm : Visit to **Vengurla Waste Management Project** (Swaccha Bharat Paryatan Sthal)

02:00-03:00 pm : **Lunch Break** at Mandavi

03:00-05:00 pm : **Mangrove Safari** by Swamini Self-Help Group, Vengurla

05:30-06:30 pm : **Bird Watching** at Ambekhan, Vengurla

06:30-07:00 pm : **Tea Break** at Sagareshwar Beach, Vengurla

07:00-08:00 pm : **Cultural Programmes**

08:00-09:00 pm : **Dinner** at Sam N Sand Beach Resort, Sagareshwar Beach, Vengurla

Day 2 : Tuesday 4th Feb. 2020

09:00-10.30 am : **Dhamapur Lake Heritage Walk**

10:30-11:30 am : Lecture on **Wetland Restoration Movement, Sindhudurg** by *Mr. Sachin Desai*

11:30-12:00 pm : Lecture on **River System and Wetlands** by *Arch. Mrs. Vandana Pusalkar*

12:00-01:00 pm : Discussion & Demonstration on **Sustainable Traditional way of House Building**

01:00-02:00 pm : **Lunch** at Dhamapur

02:00-03:00 pm : **Group Discussion**

03:00 pm : **Departure**

Output : *Wetlands can be the best places to develop Ecotourism, Sustainable livelihood practices and Biodiversity conservation. Coastal wetlands have unique properties which should be learnt systematically. Locals will have the opportunity to conserve the traditional wisdom, if a research center is provided to the land.*

Day 1 : Felicitation of CEO, Vengurla Nagarparishad : For Waste Management project by Dr. V. A. Dewoolkar ,at inaugural of program



Mangrove Safari at Mandovi Estuary

Cultural Evening : Dashavatar team



Visit to Waste management project : Distribution of Cloth bags by Prof. Vivekk Chavan



वेंगुर्ले येथे इकोटुरिझम आणि शाश्वत विकास कार्यशाळा

वेंगुर्ले : पुढारी वृत्तसेवा

वेंगुर्ले येथे इकोटुरिझम आणि शाश्वत विकास या विषयावर दोन दिवसीय कार्यशाळा घेण्यात आली. जागतिक पाणथळ दिवसाचे औचित्य साधून विद्यार्थ्यांना पाणथळाची महत्त्व समजावे व त्यातून इकोटुरिझम व शाश्वत विकास करता याच वास्तवी या कार्यशाळेचे आयोजन करण्यात आले होते.

या कार्यशाळेचे आयोजन वेंगुर्ले येथील खर्डकर कॉलेज वेंगुर्ले, कॅम्पस विभाग, मालका, श्री प्रिंस शिवाजी मराठा बोर्डिंग हाऊसचे कॉलेज ऑफ आर्किटेक्चर, कोल्हापूर व वि. प. ग्रा. वेंगुर्ले शाळा नं. ४ यांच्या विद्यार्थ्यांनी करण्यात आले होते. या कार्यशाळात आर्किटेक्चर कॉलेज, कोल्हापूरची ३५ विद्यार्थी सहभागी झाले होते. कार्यशाळेचे उद्घाटन प्रशासलेच्या बाबत भेटदा माडचे वृक्षारोपण करून करण्यात

आले. आर्किटेक्चर कॉलेजच्या मुलांनी प्रशासलेच्या बागेची आखणी व नियोजन केले आणि विविध फुलझाडे शाळेला भेट दिली.

कार्यशाळेचे प्रमुख पाहुणे म्हणून वेंगुर्ले नगर परिषदेचे मुख्याधिकारी वैभव साबळे तसेच खर्डकर कॉलेजचे प्राचार्य डॉ. विलास देऊळकर, कॅम्पस विभागाच्या दुर्गा टिंगळे, मुख्याध्यापिका संध्या बेहेरे, आर्किटेक्चर कॉलेजच्या प्राध्यापिका वंदना पुसाळकर, वनपाल सागर पांडे, स्वामिनी वचत गटच्या अध्यक्ष सैता हले, खर्डकर कॉलेजच्या वनस्पतीशास्त्र विभाग प्रमुख डॉ. धनश्री पाटील व एन. एस. एस. विभाग प्रमुख निवेक चव्हाण यादी मान्यता उपस्थित होते. वैभव साबळे यांनी वन्य जीव संवर्धन यावर मार्गदर्शन केले. वेंगुर्ले शहर स्वच्छतेच्या बाबतीत देवात अव्वल प्रमाणे असल्याने इकोटुरिझमला चालना मिळेल. याशिवाय पाणथळाचे

संवर्धन होणे गरजेचे आहे, असे प्राचार्य डॉ. विलास देऊळकर म्हणाले. इकोटुरिझम या विषयावर दुर्गा टिंगळे यांनी तर वेल्स ऑफ वेंगुर्ले यावर नितीन कवठणकर व प्रीतीश लाड यांनी प्रेझेंटेशनद्वारे माहिती दिली. दुसऱ्या सत्रात सहभागींनी स्वच्छ भारत भेटीत स्वच्छ (वेंगुर्ले कवठा डेपो) ला भेट दिली. कॉलेजच्या एन.एस.एस. विभागाचे वन्य जीव पिस्त्यांचे वाटप करण्यात आले. मांडवी खाडीतील मीठूळ सफारी चा आनंद घेण्यात आला. संध्याकाळी सगरेस्वर समुद्र किनारी वेंगुर्ले शाळा नं. ४ च्या बालकलाकारांनी हनुमंत-कृष्ण युद्ध हे दशावतारी नाटक सादर केले.

कार्यशाळेअंतर्गत **आवेष्टा व धामपूर पाणथळांना भेटी** :- कार्यशाळेच्या दुसऱ्या दिवशी सकाळी वेंगुर्लेतील ऐतिहासिक वास्तू उच्च न्यायालया भेट देण्यात आली. प्राचार्य तसेच इतिहास विभाग प्रमुख डॉ. विलास



मुख्याधिकारी वैभव साबळे यांचा सत्कार करताना प्राचार्य विलास देऊळकर व अन्य. (छाया : सविता गडेकर)

देऊळकर यांनी उच्च न्यायालय व वेंगुर्लेतील इतर ऐतिहासिक वास्तूंची सखोल माहिती दिली. वेंगुर्लेतील अखेवख या पाणथळ बागेला भेट देण्यात आली. या ठिकाणी आठवलेल्या पक्षांची माहिती प्रीतीश लाड व तेथील वनस्पतीची माहिती नितीन कवठणकर यांनी दिली. सहभागींनी धामपूर लेक हेरिटेज वॉल्क चा आनंद घेतला. महम्मद

व मुगलानी यांनी धामपूर तलावाचा इतिहास, वनस्पती, पक्षी व इतर बाबींची सुंदर माहिती दिली. दुसऱ्या सत्रात सैता हले यांनी नद्यांचे संवर्धन तसेच आर्किटेक्चर व शाश्वत विकास यावर मार्गदर्शन केले. महम्मद यांनी युनिव्हर्सिटी ऑफ लॉसक द्वारे चालविल्या जाणाऱ्या बहुयोगी फुट पिल्स एन्वॉयर्स

परंपरागत परवांपणी, धरगुती याबाबत माहिती देण्यात आली. कोल्हापूर येथील इतिहास विभाग प्रमुख डॉ. विलास देऊळकर यांनी उच्च न्यायालय व वेंगुर्लेतील इतर ऐतिहासिक वास्तूंची सखोल माहिती दिली. वेंगुर्लेतील अखेवख या पाणथळ बागेला भेट देण्यात आली. या ठिकाणी आठवलेल्या पक्षांची माहिती नितीन कवठणकर यांनी दिली. सहभागींनी धामपूर लेक हेरिटेज वॉल्क चा आनंद घेतला. महम्मद

NEWS

जिल्ह्यातील पाणथळ जागांचे संवर्धन होणे आवश्यक!

वेंगुर्ल्यात इको टुरिझम-शाश्वत विकासावर कार्यशाळा : कोल्हापूर येथील आर्किटेक्ट कॉलेजच्या ३५ विद्यार्थ्यांचा सहभाग

प्रतिनिधी वेंगुर्ले वेंगुर्ल्यात 'इको टुरिझम आणि शाश्वत विकास' विषयावर दोन दिवसीय कार्यशाळा झाली. जागतिक पाणथळ दिवसाचे औचित्य साधून विद्यार्थ्यांना पाणथळ जागांचे महत्त्व समजावे व त्यातून इको टुरिझम व शाश्वत विकास करता याच वास्तवी या कार्यशाळेचे आयोजन करण्यात आले होते.

कार्यशाळेचे आयोजन वेंगुर्ले येथील खर्डकर कॉलेज कॅम्पस विभाग, मालका, श्री प्रिंस शिवाजी मराठा बोर्डिंग हाऊसचे कॉलेज ऑफ आर्किटेक्चर, कोल्हापूर व वि. प. वेंगुर्ले शाळा नं. ४ यांच्यार्फे करण्यात आले होते. आर्किटेक्ट कॉलेज, कोल्हापूरचे ३५ विद्यार्थी सहभागी झाले होते. **भेटव्यामाझाचे रोजगार** कार्यशाळेचे उद्घाटन प्रशासलेच्या बाबत भेटदा माडचे वृक्षारोपण करून करण्यात आले होते. आर्किटेक्ट कॉलेजच्या मुलांनी प्रशासलेच्या बागेची आखणी व नियोजन केले. विविध फुलझाडे शाळेला भेट दिली.



वेंगुर्ले : विद्यार्थ्यांना माहिती देताना प्राचार्य विलास देऊळकर.

प्रमुख पाहुणे म्हणून वेंगुर्ले मुख्याधिकारी वैभव साबळे, खर्डकर कॉलेजचे प्राचार्य डॉ. विलास देऊळकर, कॅम्पस विभागाच्या दुर्गा टिंगळे, मुख्याध्यापिका संध्या बेहेरे, आर्किटेक्ट कॉलेजच्या प्रा. वंदना पुसाळकर, वनपाल सागर पांडे, स्वामिनी वचत गटच्या अध्यक्ष सैता हले, खर्डकर कॉलेजच्या वनस्पतीशास्त्र विभागप्रमुख डॉ. धनश्री पाटील व एन.एस.एस. विभागप्रमुख निवेक चव्हाण उपस्थित होते.

कार्यशाळेअंतर्गत **आवेष्टा व धामपूर पाणथळांना भेटी** :- कार्यशाळेच्या दुसऱ्या दिवशी सकाळी वेंगुर्लेतील ऐतिहासिक वास्तू उच्च न्यायालया भेट देण्यात आली. प्राचार्य तसेच इतिहास विभाग प्रमुख डॉ. विलास

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व मुगलानी यांनी धामपूर तलावाचा इतिहास, वनस्पती, पक्षी व इतर बाबींची सुंदर माहिती दिली. दुसऱ्या सत्रात सैता हले यांनी नद्यांचे संवर्धन तसेच आर्किटेक्चर व शाश्वत विकास यावर मार्गदर्शन केले. महम्मद यांनी युनिव्हर्सिटी ऑफ लॉसक द्वारे चालविल्या जाणाऱ्या बहुयोगी फुट पिल्स एन्वॉयर्स परंपरागत परवांपणी, धरगुती याबाबत माहिती देण्यात आली. कोल्हापूर येथील इतिहास विभाग प्रमुख डॉ. विलास देऊळकर यांनी उच्च न्यायालय व वेंगुर्लेतील इतर ऐतिहासिक वास्तूंची सखोल माहिती दिली. वेंगुर्लेतील अखेवख या पाणथळ बागेला भेट देण्यात आली. या ठिकाणी आठवलेल्या पक्षांची माहिती नितीन कवठणकर यांनी दिली.

पाणथळ जागांना भेटी

- भेटव्यामाझाच्या रोजगाराने कार्यशाळेचे उद्घाटन
- स्वच्छतेमुळे इको टुरिझमला चालना!

(कवठा डेपो) भेट देण्यात आली. एन. एस. एस. विभागाचे वन्य जीव पिस्त्यांचे वाटप करण्यात आले. त्यानंतर मांडवी खाडीतील मीठूळ सफारीचा आनंद घेण्यात आला. साप्ताहिक सागर सफारी व वेंगुर्ले शाळा नं. ४ चा

धामपूर तलावाबाबत माहिती

धामपूर तलावाबाबत माहिती देण्यात आली. महम्मद व मुगलानी यांनी धामपूर तलावाचा इतिहास, वनस्पती, पक्षी आदीबाबत माहिती दिली. वंदना पुसाळकर यांनी नद्यांचे संवर्धन, आर्किटेक्ट व शाश्वत विकास यावर मार्गदर्शन केले. तसेच महम्मद यांनी युनिव्हर्सिटी ऑफ लॉसक द्वारे चालविल्या जाणाऱ्या बहुयोगी फुट पिल्स एन्वॉयर्स, परंपरागत परवांपणी, धरगुती याबाबत माहिती देण्यात आली. कोल्हापूर येथील इतिहास विभाग प्रमुख डॉ. विलास देऊळकर यांनी उच्च न्यायालय व वेंगुर्लेतील इतर ऐतिहासिक वास्तूंची सखोल माहिती दिली. वेंगुर्लेतील अखेवख या पाणथळ बागेला भेट देण्यात आली. या ठिकाणी आठवलेल्या पक्षांची माहिती नितीन कवठणकर यांनी दिली. सहभागींनी धामपूर लेक हेरिटेज वॉल्क चा आनंद घेतला. महम्मद



Day 2 : At Dhamapur Wetland



**SHIKSHAN PRASARAK MANDAL'S
BR. BALASAHEB KHADEKAR COLLEGE, VENGURLA**

Activities Report 2020-21

1. One day online workshop on Self – reliant kitchen gardening, 5th July 2020 : Online Workshop on Self reliant Kitchen gardening : 93 Participants.

Aim : To discuss about Sustainable ways of kitchen gardening and to motivate youth and society self reliant food security during covid conditions

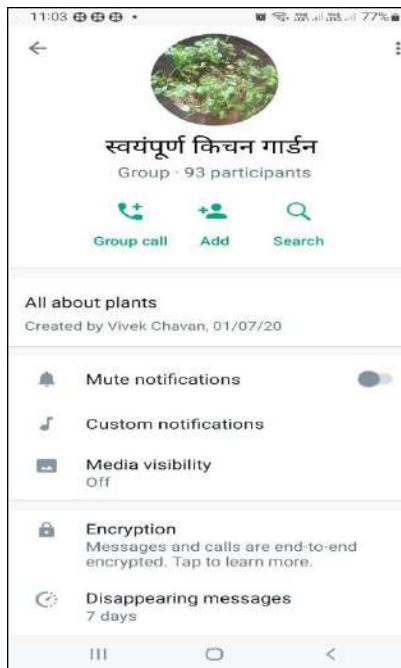
Objectives : i. To encourage people about growing own vegetables

ii. To improve and restore traditional ways of kitchen gardening

iii. To discuss international status of kitchen gardening

iv. To understand the self –reliant potential of kitchen garden to boost the economical and emotional status of society during Covid pandemic.

Resource person : Dr. Manjusha Deshpande , Director, Community development center, Shivaji University ,Kolhapur.



2. Online Kitchen gardening cours : 23.7.2020 to 8.10.2020 :

Kitchen gardening course : Online Face book live.

Speaker Dr. Manjusha Deshpande, Director ,Community Development center, ShivajinUniv.Kolhapur.

Course co-ordinater : Dr. Dhanashree Patil

Organizing committee : Principal,Dr. V.A.Dewoolkar

Br. Balasaheb Khardekar College,Vengurla.

Dr.Dhanashree S.Patil,Botany Department,Br.Balasaheb Khardekar college,Vengurla.

Shri.Vivek Chavan, Head,Department of Rural development and N.S.S.co- ordinator.

Smt. Kalpana Sawant,President Gardens club Kolhapur.

Organized by Department of Botany and Department of Rural development Br. Balasaheb Khardekar College , Vengurla affiliated to Mumbai University in collaboration with Community development , Centre Shivaji University Kolhapur. And Gardens club Kolhapur.

Objective:

- i.To motivate communities for kitchen garden development in traditional as well as modern way.
- ii.To creat awareness about environment freindly concepts of waste management.
- iii.To give a platform for exchange of ideas for creative kitchen gardening.

Outreach : 1250 participants joined this Course.

Description :

5 wats app group were full with participants all over India and overseas. Groups continuesly contribute interactive experiences in kitchen garden and it became a network to popularize many other green workshops further. **Department of Botany & Department of Rural Development, Br. Balasaheb Khardekar College, Vengurla, Community Development Centre, Shivaji University, Kolhapur & Gardens Club, Kolhapur** togetherly organised 3 months free online course on "**Kitchen Gardening**". It was conducted in between **23rd July, 2020 to 29th October, 2020**. Total 14 sessions were taken on every thursdays at 01:00 pm to 02:00 pm through **Facebook Live** platform.

Composting, Garden tools, Container gardening, Plant nutrition, Floriculture, Garden pest control, Biopesticides, Terrace gardening, Hanging Gardening, Vegetable cultivation,

Fruit cultivation, Aquatic plants, Indoor plants, Green entrepreneurship and all other important topics were covered in this course. **Dr. Manjusha Deshpande**, M.Sc., Ph.D., Research area : Human Migration was the chief speaker of the course with **Dr. Dhanashree Patil**, M.Sc., M.Phil., B.Ed., Ph.D., Research area : Botanical Biopesticides.

Online lectures during course and links :

<i>No.</i>	<i>Date</i>	<i>Topic</i>	<i>Speaker</i>	<i>Link</i>
01.	23 Jul, 2020	Composting	Dr. Manjusha Deshpande	http://tiny.cc/em0zsz
02.	30 Jul, 2020	Garden Tools	Dr. Manjusha Deshpande	http://tiny.cc/hm0zsz
03.	06 Aug, 2020	Container Gardening	Dr. Manjusha Deshpande	http://tiny.cc/lm0zsz
04.	12 Aug, 2020	Plant Nutrition	Dr. Manjusha Deshpande	http://tiny.cc/nm0zsz
05.	20 Aug, 2020	Floriculture	Dr. Manjusha Deshpande	http://tiny.cc/pm0zsz , http://tiny.cc/rm0zsz
06.	03 Sep, 2020	Garden Pest Control	Dr. Manjusha Deshpande	http://tiny.cc/vm0zsz
07.	10 Sep, 2020	Biopesticides	Dr. Dhanashree Patil	http://tiny.cc/6991tz
08.	17 Sep, 2020	Terrace Gardening I	Dr. Manjusha Deshpande	http://tiny.cc/hn0zsz , http://tiny.cc/jn0zsz
09.	24 Sep, 2020	Terrace Gardening II	Dr. Manjusha Deshpande	http://tiny.cc/a791tz
10.	01 Oct, 2020	Hanging Gardening	Dr. Manjusha Deshpande	http://tiny.cc/qu0zsz
11.	09 Oct, 2020	Cruciferous Vegetables	Dr. Manjusha Deshpande	http://tiny.cc/s791tz
12.	15 Oct, 2020	Fruit Cultivation	Dr. Manjusha Deshpande	http://tiny.cc/y791tz
13.	23 Oct, 2020	Water Lilies & Indoor Plants	Dr. Manjusha Deshpande	http://tiny.cc/g891tz , http://tiny.cc/i891tz
14.	29 Oct, 2020	Green Entrepreneurship	Dr. Manjusha Deshpande	http://tiny.cc/t891tz

Outreach : 1,300 participants from different localities of Maharashtra and around the world took active participation in this course. Participants were from various occupations like gardeners, teachers, students, working and business. Apart from lectures, 4 WhatsApp groups were formed to discuss and answer queries of the participants. On the day of last session, exam was taken on

covered topics and online e- certificates were given to participants scoring 50% of marks. Also feedback was taken through feedback forms.

"It was important to keep yourself happy and energized during the lockdown period. Educational institutions become the focal point of society in such a changing time. This three- month course, which guided 1300 participants from Maharashtra and whole country as well as abroad during the epidemic period of Covid- 19, imparted knowledge of many skills for free of cost. The Kitchen garden is a green corner of everyone's heart that beautifully transforms a small piece of land, an enchanting way to beautify the earth, a scientific solution to waste management, a creative solution to reduce pollution and control carbon, a fragrant experiment in the kitchen & an experimental method of cultivating medicinal plants. Conservation of medicinal plants from the garden can be a big objective project. The Kitchen garden is a laboratory in everyone's yard. Organic toxin- free vegetables can be obtained by growing Kitchen gardens on a zero budget. On the occasion of this course, like- minded, green- minded government employees, teachers, students, doctors, lawyers, professors, architects, etc. from different cities also made friends by interacting with each other. Phone calls and messages of appreciation and joy from various places with great sincerity satisfied the organizers."

3.International Mangrove day celebration : Date : 26.7.2020

Webinar on “Konkan Kinarpattivaril Mangalvane” (Mangrove Forests)

The poster features a background image of mangrove trees. The text is as follows:

World Mangrove Day Celebration
Indian Women Science Association (IWSA, Kolhapur Branch) | Dept. of Botany & N.S.S. unit, Br. B. K. College, Vengurla | Mangrove Foundation, Malvan
organized, Webinar on,
“Konkan Kinarpattivaril Mangalvane”
(कोंकण किनारपट्टीवरिल मंगलवने)
Speaker- Dr. Mahesh Vijay Gokhale
Karmaveer Bhaurao Patil College, Islampur
Date: 26/7/2020 | **Time: 5.30 P.M. to 7.30 P.M.**
Zoom meeting ID - 6897418406
Password - 367804

Dr. N. S. Chavan (Coordinator, IWSA, Kolhapur) | **Dr. Seema Gadawad** (Co-ordinator, IWSA, Kolhapur) | **Dr. V. A. Dewoolkar** (Principal, Br. B. K. College, Vengurla)
Dr. Dhanashree Patil (Dept. of Botany, Br. Balasaheb Khardekar College, Vengurla) | **Prof. Vivek Chavan** (N.S.S. Co-ordinator) | **Durga Thigale** (Biodiversity & Livelihood Specialist, Mangrove Foundation, Malvan)

Aim : To involve youth to understand mangrove ecosystem

Objectives : i.To initiate the research base thinking about mangrove restoration

ii.To interact with Mangrove cell about livelihood projects

iii.To understand basics of Mangrove ecosystem

iv.To engage local youth in socio–economical aspects

Resource persons : 1. Dr. Mahesh Vijay Gokhale, Department of Botany, KBP, College, Islampur 2. Mrs. Durga Thigale, Biodiversity & Livelihood Specialist, Mangrove Foundation.

Description : One Day State Level Online Webinar on, “Konkan Kinarpattivaril Mangalvane” (Mangrove Forests of Konkan) was organized by Indian Women Scientist’s Association (IWSA) Kolhapur Branch in collaboration with Department of Botany, N.S.S. Unit, Br. Balasaheb Khardekar College, Vengurla & Mangrove Foundation, Malvan for conservation of mangroves through community participation for wise development. Outcome : Interactive session lead to fruitful output about project designing of Mangrove conservation and estuary cleaning

4. Online International Workshop on Mati ,an Ecofriendly way of Floral Design in Ganapati Festival : Date : 18.8.2020

Get participated in online International Mati making Workshop

organized by
Br. Balasaheb Khardekar College, Vengurla.
in collaboration with
Gardens Club, Kolhapur.
Indian Women Scientists' Association, Kolhapur.
Institute of Floral Design, Mumbai.

Tuesday, 18 August 2020
12 noon to 2 pm

Let's concern about well being of human safety along with conservation of nature and culture. Indian festivals are celebrated with eco smart ways. Understanding decoration with medicinal herbs, it's history and science through this program will spread happiness as well as satisfaction of caring mother Earth.

Enjoy virtual workshop from your home with following objectives:

- Zoom Inaugural function with traditional song describing concept.
- History of Mati
- To understand scope and career opportunities through floral design skills
- Videos of mati making and local leaf manipulation techniques.
- Learning creative skills to understand eco smart ways through local flora.
- To learn biodiversity and science through traditions and rich culture of India.

Workshop fees:
Rs. 100/- for students
Rs. 200/- for others.

Contact for registration.
+91 91464 34560, +91 98500 51417

Online Payment :
Gardens Club, Kolhapur
IDBI Bank, Branch: Shahupuri
A/c No.: 0464104000148238
IFSC code: IBKL0000464

For Google Pay
+91 90284 35585

Zoom Live link will be provided after Registration

Aim : To learn potential of Floral designing as career development and to understand traditional flora.

Objectives : i. To learn floral designing

ii. To understand traditional floral decoration

iii. To encourage the students for understanding floral designing as a career option.

iv. To involve students in presentation.

Participants : 87 all over India

Description : MATI of Maharashtra especially in Konkan is a traditional floral design art which has specific fruits, flowers and threads. It is wise way of Lord Ganesha decoration which comprises medicinal plants with great remedial potential. To understand the history of Mati making, science behind Mati designing, techniques of traditional leaf manipulation, **Online International Workshop on, “MATI” making was organized by Br. Balasaheb Khardekar**

College, Vengurla, in collaboration with **Indian Women Scientist's Association (IWSA) Kolhapur Branch** Gardens club, Kolhapur and Institute of Floral Design, MuMrs. Kalpana Sawant talked about the purpose of webinar and introduced the guests. Prof. (Dr.) Niranjana Chavan, Convener, IWSA Kolhapur Branch presided the session and briefed the ecology and science behind MATI. After that, Seema Jhaveri, IFD, Mumbai delivered a talk on, "Scope and Apportunities through Floral Design". Dr. Dhanashree Patil gave information about the importance of MATI. The presidential speech was given by Dr. Anuradha Mujumdar, Dean, Science Faculty, Mumbai University. Dr. Seema Gaikwad Co-convener, IWSA Kolhapur Branch concluded the programme by giving vote of thanks.

Links :

<http://youtu.be/nHiGwskSYkQ>

<http://youtube/WdUASpNwyIQ>

<http://youtube/3mVCmpnBC18>

http://youtube//MHUFxrkj_nY

5. Visit to lead Botanical garden : 26th Dec. 2020 : 6 students participated.

6. Botanical excursion to Kolhapur : Gardens Club Flower show : 27th Dec.2020

Aim : To Give practical experience to students to learn various Botanical aspects through flower show

Objectives : i. To show the creative botanical aspects and motivate for applied part in it.

ii. To visit lead botanical garden of Shivaji University and to observe species diversity

Description : Visiting flower show was great exposure for students to learn various Creative Botanical aspects under one roof : eg. Bonsai, Terrarium, Botanical flower show, Folra drinks and nurseries of cacti –succulents, flowering plants, landscape designs and environment films as well as various lectures of Medicinal Plants, Lakhi Bag etc.

Visit to Lead botanical Garden was great experience to understand various Botanical aspects and observe plant diversity under guidance of experts. Botany department at P.G. level was motivational aspect for progression in the course. Students also witnessed the release of Book on Botanical Biopesticides written by Dr. D. S. Patil. **Publication : E Book release : Exploration of some plants with Biopesticidal potential : 27th Dec. 2020, ISBN978-81-926339-0-5**

Program Organizer : Kalpana Savant, President , Gardens Club, Kolhapur.

Chief guest of the function : Dr. Sanjay Savant, Vice Chancellor, Balasaheb Savant, University of Agriculture , Dapoli

Output : Apart from Pandemic restrictions students enthusiastically managed the travel and visit to Kolhapur. They learn and motivated for making environment film, landscaping ,creative botanical skills and marketing of plants under one roof. It was great pleasure for students to visit Lead Botanical Garden conserving 10450 plant species and get guidance of Dr. Lekhak regarding conservation strategies.

Gardens Club Kolhapur Exhibition :



चिंतामुक्त करण्याची शक्ती झाडांकडे

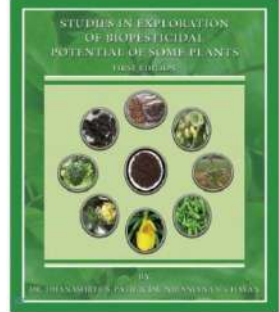
डॉ. संजय पाटील : गार्डन्स क्लबचा सुवर्णमहोत्सव

कोल्हापूर, ता. १५ : 'आरोग्य उपरोक्तान्' अर्थाने चिंतामुक्त व्हावे यासाठी, डॉ. संजय पाटील यांनी, 'चिंतामुक्त करण्याची शक्ती झाडांकडे' या पुस्तकाची पुस्तकालय प्रसिद्धी करित. या पुस्तकात, 'आरोग्य उपरोक्तान्' अर्थाने चिंतामुक्त व्हावे यासाठी, डॉ. संजय पाटील यांनी, 'चिंतामुक्त करण्याची शक्ती झाडांकडे' या पुस्तकाची पुस्तकालय प्रसिद्धी करित.



कोल्हापूर : गार्डन्स क्लबच्या सुवर्णमहोत्सव समारंभानिमित्त डॉ. संजय पाटील यांनी 'चिंतामुक्त करण्याची शक्ती झाडांकडे' या पुस्तकाची पुस्तकालय प्रसिद्धी करित. या पुस्तकात, 'आरोग्य उपरोक्तान्' अर्थाने चिंतामुक्त व्हावे यासाठी, डॉ. संजय पाटील यांनी, 'चिंतामुक्त करण्याची शक्ती झाडांकडे' या पुस्तकाची पुस्तकालय प्रसिद्धी करित.

संजय श्रीधरदास तुपुष्पा सुवर्णमहोत्सव समारंभ
 गार्डन्स क्लबच्या सुवर्णमहोत्सव समारंभानिमित्त डॉ. संजय पाटील यांनी 'चिंतामुक्त करण्याची शक्ती झाडांकडे' या पुस्तकाची पुस्तकालय प्रसिद्धी करित. या पुस्तकात, 'आरोग्य उपरोक्तान्' अर्थाने चिंतामुक्त व्हावे यासाठी, डॉ. संजय पाटील यांनी, 'चिंतामुक्त करण्याची शक्ती झाडांकडे' या पुस्तकाची पुस्तकालय प्रसिद्धी करित.



7. World wetland day celebration : Date :2.2.2021 :

Aim : To initiate the change among students and society for wetland conservation

Objectives :

- i. To involve students and society to understand research perspectives of wetland conservation
- ii. To interact with scientists about research opportunities regarding wetland biodiversity

Organizers :

Bar. Balasaheb Khardekar College, Vengurla, Mangrove and Marine Biodiversity Conservation Foundation of Maharashtra (Mangrove Foundation) and Salim Ali Centre for Ornithology and Natural history, Coimbatore (SACON).

Field visits to Kochre Lake, Pat Lake, Nivati Mangrove site, Nivati Fort, University of Life, Dhamapur & Dhamapur Lake were arranged on behalf of this event.

Description : World Wetland Day was celebrated on 2nd February, 2021.

Principal Scientist, SACON, Dr. Goldin Quadros, Former President of NABARD, Hon. Dr. Yashwant Thorat and Former Deputy Governor of RBI Hon. Mrs. Usha Thorat were the chief guests of this program. Total 32 participants were participated from entire Sindhudurg district.

Output : Program fulfilled the objective of ecotourism team setup. It was very much interactive. Participants were from diverse fields. Sustainable Ecotourism is the strength of Konkan. Youth needs proper understanding of Ecotourism concept. Experts from various fields gave their guidance. The program was definitely path setting towards Nation building through Nature studying.

Prof. Dr. Dhanashree Patil from Br. Balasaheb Khardekar College and Mrs. Durga Thigale from Mangrove Foundation played an important role in organizing this event. Also, volunteers Prithvi Lad, Nitin Kawthankar, Sahili Ninave, Neha Gawade, Komal Mayekar, Yuvsradni Patil, Guruprasad Chamankar, Hiroji Parab and Amol Navale helped in the smooth conduct of this program.

Field Visits :



Dhamapur visit : with hon. Thorat Sir and Usha Thorat



वेंगुर्लेत जागतिक पाणथळ दिन साजरा

बॅ. बाळासाहेब खर्डेकर महाविद्यालय, मॅन्युव्ह फाऊंडेशन व सॅकॉन संस्थांचा पुढाकार

वेंगुर्ले: पुढारी वृत्तसेवा

बॅ. बाळासाहेब खर्डेकर महाविद्यालय वेंगुर्ले, मॅन्युव्ह अँड मरिन बायोडायव्हर्सिटी कन्झर्वेशन फाऊंडेशन ऑफ महाराष्ट्र (मॅन्युव्ह फाऊंडेशन) आणि सलीम अली सेन्टर फॉर ऑर्निथोलॉजी अँड नॅचरल हिस्ट्री (सॅकॉन) या संस्थांच्या विद्यमाने वेंगुर्लेत जागतिक पाणथळ दिन साजरा करण्यात आला.

भावई तलाव, कौचरे व पाट तलाव, पाट या पाणथळ जागांना भेट देऊन पाणथळ जागा व तिथे आढळणाऱ्या वनस्पती व प्राण्यांची माहिती देण्यात आली. या पाणथळांवर कुमुद (साळूक), लाल कुमुद, कुमुदीनी, भेडस, बोंडगी या पाणथळ वनस्पती आढळून आल्या. पाट तलावावर पाणकावळे, खंड्या, बंड्या, तिरंदाज, अडई, सुवर्ण पंखाचा कमळपक्षी, वारकरी, भूवई, चक्रांग, उघड्या चोचीचा करकोचा, राखी बगळा आदी पाणथळ पक्षी आढळून आले. सॅकॉन संस्थेचे प्रमुख शास्त्रज्ञ डॉ. गोल्डिन क्वाट्रस यांनी पाणथळ जागेची व्याख्या व त्यांचे सर्वेक्षण कसे करावे?



जागतिक पाणथळ दिन कार्यक्रमात सहभागी विद्यार्थी.

त्यांचे संवर्धन करणे का गरजेचे आहे? याबद्दल माहिती दिली.

सकाळच्या सत्रात किल्ले निवती येथील कांदळवन क्षेत्र व त्याला लागूनच असलेल्या डुंगोबाची राई देवराईला भेट देण्यात आली. याद्वारे किनारी व कांदळवन तसेच पाणथळ परिसंस्था एकत्रितपणे अभ्यासण्यात आल्या. निवतीला सुंद्री ही कांदळाची दुर्मिळ जात आढळते. सुंद्री ही वनस्पती सुंदरवन, पश्चिम बंगाल मध्ये मोठ्या प्रमाणात आढळते पण कोंकणात फक्त निवती

व खवणे या दोनच ठिकाणी दिसून येतो. याशिवाय सुकाणू कांदळ, मिरची कांदळ, हुरशी, कापशी, केवडा या कांदळांच्या इतर जाती तसेच सरयासम अल्गी, खेकड्यांच्या विविध जाती, तांबोशी व डॅमसेल मासे, राखी धनेश, कवड्या धनेश हे पक्षी व क्रिमसन रोझ फुलापाखरू आदी प्राणी आढळून आले.

दुपारनंतरच्या सत्रात युनिव्हर्सिटी ऑफ लाईफ, धामापूरला भेट देण्यात आली. यावेळी स्वयंसेवक कुटुंबाशी सुसंवाद केला गेला. सचिन देसाई आणि

कु. मृणालिनी देसाई यांनी शाश्वत विकास ही व्याख्या मांडली. श्री. देसाई म्हणाले, शिक्षणामध्ये इष्टी फक्त एका विषयापूर्वी मर्यादित न ठेवता, सर्वांगीण दृष्टिकोनातून अभ्यास कसा करता येईल याकडे लक्ष देणे आवश्यक आहे.

यानंतर धामापूर तलाव या हेरिटेज वेटर्लॅण्डा भेट देण्यात आली. मोहम्मद शेख यांनी धामापूर तलाव, भगवती मंदिर व त्यामागचे शास्त्र व इतिहास सर्वासमोर मांडला. नाबाईचे माजी अध्यक्ष डॉ. यशवंत थोरात व भारतीय रिझर्व बँकेचे माजी डेप्युटी गव्हर्नर सी. उषा थोरात उपस्थित होत्या. शेवटी वेंगुर्ले वेटर्लॅण्ड टीम व मॅन्युव्ह सेल सदस्यांचा सत्कार करण्यात आला. सहभागी विद्यार्थ्यांना प्रमाणपत्र देण्यात आली. कार्यक्रमात प्रा.डॉ. धनश्री पाटील व मॅन्युव्ह फाऊंडेशनच्या सी. दुर्गा टिगळे यांनी महत्वाची भूमिका पार पाडली. प्रितीश लाड, नितीन कवठणकर, साहिली निनावे, नेहा गावडे, कोमल मयेकर, युवराज्ञी पाटील, गुरुप्रसाद चमणकर, हिरोजी परब व अमोल नवले या स्वयंसेवकांनीही सहकार्य केले.

6.Ecotourism Workshop : 12.2.2021-13.2.2021

For Gardens Club Kolhapur.

Dr. Dhanashree Patil designed and executed Ecotour assisted by Pritish Lad, Green nature club ,Student member (Eco-tour guide)

Aim : To motivate youth to design and execute eco-tourism to explore the Konkan biodiversity and heritage .

Objective :

- i.To set Ecotourism concept for sustainable development.
- ii. To train youth to organize eco-tourism
- iii. To develop mind set of community about biodiversity conservation and restoration of natural resources.
- iv. To enhance courage of students to communicate with people

Places visited :

1. Dhamapur wetland World Heritage : Wetland biodiversity studies
2. University of Life : Concept of schooling withouth walls.
3. Chouke, Home stay : Sangita Sadaw's place was ideal place to represent Konkan house.
4. Agrotourism center ,Mulade : Ideal example of Eco-tourism project with fruit plants.
5. Nidhi , Coconut oil processing industry, Adeli : Economical empowerment through value addition coconut oil
6. Mangrove Safari, Mandovi : Example of women empowerment along with Ecosystem restoration in sustainable way.
7. Pottery cottage industry, Tulas ; Local potters are motivated and encouraged.
8. Sagarshwar Beach, Ubhadanda : Ocean ecosystem studies

Outreach :15 participants enjoyed and learnt the Konkan local Socio-ecological aspects.total outreach 65.

Following You tube recording covers the whole trip

<https://youtu.be/6yCbWFSAPsQ> Botanical excursion to Kolhapur : Gardens Club Flower show : 27th Dec. 2020

Examination work :

Dr. D.S. Patil Worked as internal examiner for practical exams. Worked as Jr. supervisors in Sem. I & Sem. II.

Paper setter for Sem. 1 And Sem. 2 For B.Sc. I and B.Sc. II

ICT Co-ordinator

Paper checking for Sem 1 and 2 for B.Sc. I and B.Sc.II

Dr. D. S. Patil :

Project : 1. Co-investigator for 3 years project on “ In vitro investigations of biotechnological aspects of Gauva, Jackfruit and Kokam” at Botany Department Shivaji University, Kolhapur .

Role : To take field trials and to provide elite material and to experiment in vivo for seedling development. (Mobilization : Shade net, seedling trays, watering pipe and coco peat)

2. Minor research Project : under Mumbai University, Wetland

Publications :

1. Rosette : 26th Dec.2021, Annual magazine of Gardens’ Club Kolhapur, Worked as co-editor and author of an article on “Vasundharechya Leki”

UGC - NSQF : Approved Diploma course in Horticulture and nursery management.

Co-ordinator : Dr. Dhanashree Patil