

## **Department of Botany**

### **Annual Report 2021-2022**

#### **Extension Activities:-**

#### **I) Workshop on Creation of Magnificent Seasonal and Hanging Plants**

First of all we are very much gratified and extend our sincere thanks and immense pleasure for our respected Dr. Dinesh Khedkar, Chairman of Amravati Garden Club and Dr. Rekha Maggirwar, Secretary of Amravati Garden Club Accepting our proposal of Memorandum of Understanding ( MOU) Between Amravati Garden Club and Shri Shivaji Science and Arts College Chikhli, Dist. Buldana, and also granted the permission to organize a One day workshop on Creation of Magnificent Seasonal and Hanging Plants. We are also grateful to have respected Dr. O. S. Deshmukh Sir, Principal, Shri Shivaji Science and Arts College Chikhli, as president of workshop and his constant inspiring approach which made this idea into truth. Finally we also would like pay sincere thanks to the most experience resource person Dr. V. R. Deshmukh Former head Department of Botany, Vidyabharti Mahavidhyalaya Amravati. And Ex. Chairman of Amravati Garden Club, Mr. Subhash Bhave, Vice President of Amravati garden club. Dr. Shital Chitode, Assistant Professor, Shri Shivaji Horticulture College, Amravati. Mr. Mukund Raut, Garden Superintendent, Amravati Muncipal Corporation, Amravati. This Program got a good response and the success of program couldn't possible without my faculty members, Prof. M.D.Kolte, and Prof. D.L.Gavande. Assistant Professor, Shri Shivaji Science and Arts College Chikhli.

#### **II) Workshop on Mushroom Cultivation and Entrepreneurship**

Shri Shivaji Education Society Amravati's, Shri Shivaji Science and Arts College, Chikhli Dist. Buldana, Department of Botany and IQAC In collaboration with Shri Shivaji Science College, Amravati organized the workshop on Mushroom Cultivation and Entrepreneurship on 23rd September 2021. The main objective of these events to develop the basic understanding of principles of Mushroom Cultivation and to develop skills require to run a small scale commercial Mushroom cultivation plant. The workshop organized in Virtual mode (Online) for this workshop we prepared Google form link for registration of the participants. In this workshop total 113 students participated/registered from various colleges. We also prepared

feedback forms and collect feedback from participants. The workshop was started on 23<sup>rd</sup> September 2021 at 12.00 pm sharply. Dr. Omraj S. Deshmukh was president of this event, Dr. Vanita Pochhi, welcomes all the participants and also give inaugural speech. Prof. D. L. Gavande introduce resource person Dr. D. V. Hande sir. Then resource person Dr. D. V. Hande sir guided the students they gives the brief introduction of mushrooms and discuss various aspects of mushroom cultivation. Lastly Prof. M. D. Kolte gives the votes of thanks. We are very much gratified and extend our sincere thanks and immense pleasure to Dr. D. V. Hande sir as resource person. We are also grateful and thankful to our respected Principal Dr. O.S.Deshmukh, for granted the permission to organize the workshop on Mushroom Cultivation and Entrepreneurship. We are also grateful and thankful to Dr. V.U.Pochhi, Head, Department of Botany, Shri Shivaji Science and Arts College Chikhli, for her constant inspiring approach which made this Program successful. This Program got a good response and the success of program couldn't possible without my colleague, Prof. D. L. Gavande, Assistant Professor, Shri Shivaji Science and Arts College Chikhli.

### **III) Eco-friendly Holi Colours Preparation Workshop**

To create awareness among students and staff “Eco-friendly Holi Colours Preparation Workshop” was organized on 15<sup>th</sup> March 2022. Principal of our college Dr. O. S. Deshmukh inaugurates this workshop. The idea of this workshop was Head Dept. of Botany Dr. V. U. Pochhi. Natural colours were prepared from flowers of *Butea monosperma*, Leaves of Spinach, and Beet root. Thirty students participated and prepared Eco-friendly colours. Prof. M. D. Kolte and Prof. D. L. Gavande guided to the students. For this workshop Dr. J. J. Jadhao, Dr. S. M. Kalakhe, Dr. R. B. Gade, Dr. P. B. Nalle, Dr. G. T. Thorat and Miss. P. G. Chavan also present. In this workshop 52 students were participated.

### **IV Medicinal Plant Exhibition**

On the occasion of National Sciences Day 28 Feb 2022 of Medicinal Plant Exhibition was organised. The theme of National Science Day was “Integrated Approach in Science and Technology for Sustainable Future”. The Exhibition was chaired & inaugurate by the Jr. College Supervisor of the College, Ms Yogini T. Suradkar. In the exhibition student Prepare informative posters and present the potted plant and parts of plant. The students collected over 26 varieties of plants which are of medicinal importance. The main idea behind the exhibition was the vision of

Head, Dept. of Botany Dr. V. U. Pochhi to conserve nature and develop a complete knowledge about nature.

Dr. O.S. Deshmukh principal and Convener gave introductory speech and Dr. V. U. Pochhi introduces the President of the programme. Mr. M. D. Kolte anchored the programme and Dr. V. U. Pochhi Proposed Vote of thanks. 19 participants took part in this Exhibition, Dr. D. B. Bobade, Dr. M. T. Nikam, Dr. G. G. Malte and Dr. J. J. Jadhao also present for this exhibition. Prof. Dilip Gawande worked as Technical Support.

## **V) Fungal Rangoli Competition**

Shri Shivaji Education Society Amravati's, Shri Shivaji Science and Arts College, Chikhli Dist. Buldana, Department of Botany And IQAC In collaboration with Shri Shivaji Science College, Amravati & Mycological Society of India organized the Fungal Rangoli Competition on 1st October 2021 on the occasion of "World Fungus Day" and Celebrating of Fungal Awareness Week 27th Sep to 2nd Oct 2021. The main objective of this events of to introducing fungi to the general Public. The Competition Organized in Virtual mode (Online) for this competition we prepared registration cum submission Google form link. In this competition total 48 students participated/registered from various colleges, they draw different types of Fungal Rangoli at their home with fungal scientific name and Upload the picture or PDF of Rangoli on given Google form link. We send E-certificate of participation for every registered student. The Participants for this Rangoli Competition is from all over India. Participants from Uttarakhand, Madura University, Karnataka, Jammu University, Akola, Vasantao Naik Krishi Vidyapith, savitribai Phule Pune University, Navsari Agriculture University, Gujrat, Dawangiri Karnatka. All Fungal Rangoli's are attractive but out of that we selected 3 Fungal Rangoli as a winner and name of the winner are as follows. 1) Kartiki P.Kawale (ICAR-CCRI Amravati road Nagpur) 2) Anushka P.Kochar (Brijlal Biyani Science College, Amravati) 3) Priti H.Dahake (Shri Shivaji Science and Arts College, Chikhli Dist. Buldana ) For this event our principal Dr.O.S.Deshmukh Sir motivate us to organize such wonderful activity as well as our Head, Dr.V.U.Pochhi ma'm Guide us to organize this activity on the occasion of World fungus Day. Prof. D. L. Gavande Activity & Action Taken Report of National Level Fungal Rangoli Competition 3 work as coordinator for this activity and Prof. M. D. Kolte and Prof. S. N. Mendhe Work as organizing secretary. Dr. V. U. Pochhi, Prof. S. N. Mendhe and Prof. M. D. Kolte works as a Jury member for selection of winner.

### **Wild Vegetable Exhibition:**

To create awareness about Wild Vegetables Department of Botany Organized **Wild Vegetable Exhibition** on 30 September 2022. About 30 students participated and prepare dish.

### **Co-curricular Activities:-**

#### **I) Organization of Add on course**

From 25 April 2022 to 04 May 2022 Department of Botany started the new Add on Course on “Ayurveda: traditional Medicinal Plants”. In this course every day guest lecture was be organized. The mode of course is online as well as offline. This course has been designed for immediate scope and awareness of students with respective of cultivation and commercialization of medicinal and Herbal plant with their Pharmacognostic applications and also rules in Ayurveda.

#### **II) Earth Day Celebration**

On the occasion of world earthy day on 22 April 2022 department of Botany organizes the plantation programme of Cycas Plant in college Campus.

#### **III) Guest Lectures**

On 26 April 2022 Guest lecture of Dr. Ankit S. Kale, Assistant Professor Dept. of Botany, J. D. P. S. College, Daryapur was organized. The topic of the lecture was Application of Biotechnology.

### **Extra-curricular Activities:-**

#### **Excursion Tour**

##### **I) Ishved Biotech Shindhked Raja**

One day educational trip was organized by our Department on 5<sup>th</sup> May 2022 to Visit a Ishved Biotech Pvt limited the trip comprised 44 students of Botany department accompanied by 3 teachers. Dr. Pocchi mam, kolte sir, Gavande sir. In this tour students visited to Plant Tissue Culture laboratory of Ishved Biotech Pvt limited and Some historical places of Sindhked Raja.

##### **II) Krishi Vidnyan Kendra Buldhana**

As per the requirement of our syllabus the 26 students of Department of Botany on the 22 October 2021 headed by our HOD Dr. V. U. Pocchi Madam, Mr. Gavande sir, Mr. Kolte sir had gone on educational visit to the Krishi Vidnyan Kendra Buldhana.

### Achievements of Students

Name of Student	Class	Subject	Achievement
Amit P. Theng	Alumni	Botany	SET 2022 Qualify
Ankita P. Shelke	Alumni	Botany	SET 2022 Qualify

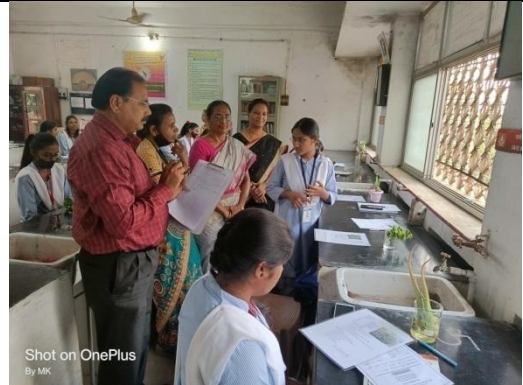


**Eco Friendly Color Preparation Workshop**



**Medicinal Plant Exhibition**



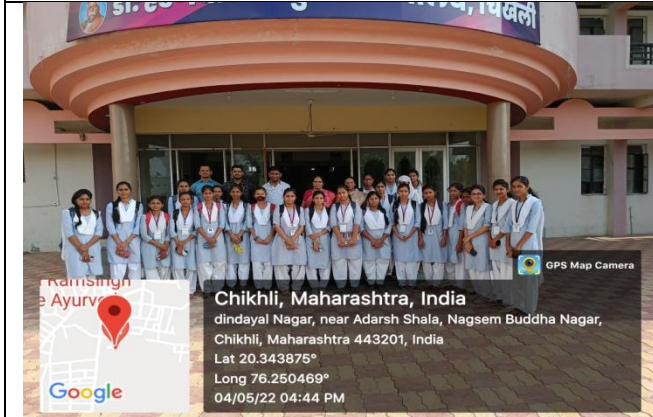


**Medicinal Plant Exhibition**



**Sawargaon Mal, Maharashtra, India**  
A.t post, W3RF+VR8, Sawargaon Mal, Maharashtra 443204, India  
Lat 19.942216°  
Long 76.074355°  
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**Ishved Biotech Laboratory Visit (Plant Tissue Culture lab Sindhkhedraja)**



**Chikhli, Maharashtra, India**  
dindayal Nagar, near Adarsh Shala, Nagsem Buddha Nagar, Chikhli, Maharashtra 443201, India  
Lat 20.343875°  
Long 76.250469°  
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**Chikhli, Maharashtra, India**  
87V2+R4X, Nagsem Buddha Nagar, Chikhli, Maharashtra 443201, India  
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Long 76.250462°  
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**Add on Course Field Visit**



Shot on OnePlus  
By MK



### Visit to Historical Places in Shindhkhedraja



### Add on Course Guest Lectures



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9727+7V7, MH SH 176, Gandhi Nagar, Chikhli, Maharashtra  
443201, India  
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Long: 76.264651°  
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Earth Day Celebration ( Cycas Plantation )

Guest Lectures