



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**ACTIVITY REPORT**

Year:	<b>2023-24</b>
Name of the Activity:	Industrial Visit to Oasis Biocontrol Laboratory, Shirol
Date:	26 <sup>th</sup> October, 2023
Venue:	Oasis Biocontrol Laboratory, Shirol
Financial Support	DBT-STAR COLLEGE SCHEME
Tour In-charge :	Mr. C. R. Chivate
Organised for: College/class/ staff	B. Sc. III Botany Students
No. of Participants	02M+ 10F+ 03 Staff=15
Nature: (e.g. Academic, cultural, sports etc)	Industrial Visit
Objectives of the Activity	To know the various types of biofertilizers, biopesticides and their manufacturing
Chief Guest/s or Resource Person/s	Mr. Pravin Mali Owner, Oasis Bio-control Lab, Shirol
Short Report (in English)	As per the curriculum of Shivaji University, Kolhapur for B. Sc. III Botany. The department of Botany arranged the industrial visit to Oasis Bio-control Laboratory, Shirol. A total 12 students were participated in this industrial visit along with two teachers. During this visit the student got knowledge and hands on training of the manufacturing of various biofertilizers and biopesticides and polyhouse management for vegetable crops.
Outcome/Remark	The students have got live demonstration of the manufacture of bio-fertilisers, laboratory instruments and polyhouse management.



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## **VISIT TO OASIS BIOCONTROL LABORATORY**

**26<sup>th</sup> October, 2023**

The industrial and research laboratory visits are beneficial for the understanding of the various processes studied by students in the classrooms. With this aim, the Department of Botany, Jaysingpur College Jaysingpur has organized the industrial visit to Oasis Bio-control Lab, Shirol on 26<sup>th</sup> October, 2023. A total 12 students, two teachers and one staff members were participated in visit. The students of B.Sc. III visited the lab at 12:30 pm. The owner of industry the Mr. Pravin Mali gave information regarding laboratory, instruments, bio-fertilizer, bio-pesticides, soil testing and what are the benefits, precautions and challenges while working in lab. The present industrial visit is part of MoU between Department of Botany, Jaysingpur college Jaysingpur and Oasis Bio-control laboratory, Shirol.

After the laboratory visit, he gave demonstration of formation of various biofertilizers and bio-pesticides. The students were also understand and taken hands on training of formation of various biofertilizers and bio-pesticides. The Oasis bio-control lab have their own products in market such as *Tuta* lure, *Helicoverpa* lure, *Spodopetra* lure which are as bio-pesticides to control various insect pests.

The students also visited the polyhouse where the Bio-control experiment are ongoing. Mr. Parvin Mali has expressed his thoughts about the use of bio-pesticides in disease control under the polyhouse management.

The students were expressed their views about the visit and knowledge they have got during this industrial visit. It was great time with Mr. Pravin Mali at Oasis Bio-control Lab. Shirol.





*Dr. S. D. Umdale*  
**Dr. S. D. Umdale**  
 Program Coordinator  
 DBT-Star College Scheme

*Dr. S. R. Sabale*  
**Dr. S. R. Sabale**  
 Coordinator  
 DBT-Star College Scheme

*Prof. Dr. (Mrs.) M. V. Kale*  
**Prof. Dr. (Mrs.) M. V. Kale**  
 Head  
 Department of Botany

*Dr. S. A. Manjare*  
**Dr. S. A. Manjare**  
 Principal  
 Jaysingpur College Jaysingpur



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**ACTIVITY REPORT**

Year:	<b>2023-24</b>
Name of the Activity:	Visit to Plant Nursery
Date:	26 <sup>th</sup> October, 2023
Venue:	Shree Dutta Nursery, Duttanagar, Shirol
Financial Support	DBT-STAR COLLEGE SCHEME
Tour In-charge :	Mr. C. R. Chivate
Organised for: College/class/ staff	B. Sc. III Botany Students
No. of Participants	02M+ 10F+ 03 Staff=15
Nature: (e.g. Academic, cultural, sports etc)	Academic Study Tour
Objectives of the Activity	The objective of study tour is to know the various nursery and garden techniques such as grafting and maintenance of the garden
Chief Guest/s or Resource Person/s	Nil
Short Report (in English)	<p>As per the curriculum of Shivaji University, Kolhapur for B. Sc. III Botany. The department of Botany organised the nursery visit to Dutta Nursery, Dattanagar, Shirol.</p> <p>A total 12 students were participated in this visit along with two teachers and one staff. During this visit the student got knowledge and hands on training of whip grafting, approach grafting, T-budding, patch budding in various horticultural plants.</p>
Outcome/Remark	Students have got the knowledge of various nursery techniques and also known the different methods of the garden maintenance.





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## **VISIT TO PLANT NURSERY**

**26<sup>th</sup> October, 2023**

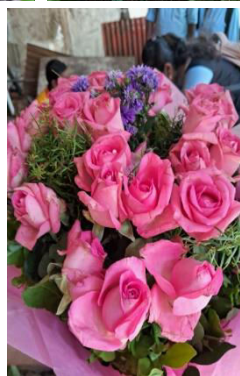
With the objective of getting live demonstration of grafting technique and as a part of B.Sc. III Botany syllabus, the department of Botany has organized botanical visit to Shree Dutta Nursery, Shirol on 26<sup>th</sup> October, 2023. A total 12 students and two teachers and one staff members were participated in the study tour. The students were reached at the Shree Dutta Nursery, Shirol on 11:00 am. The gardener had showed the various plants in the garden. During walk, he gave information about the variety of plants and the notes on the healthy growth of the plants.

After visit the gardener of nursery explained and showed the various techniques of grafting such as budding, patch grafting, T-budding, and air layering. The techniques of layering such as simple layering and air layering were well explained. Also, the gardener gave demonstration of whip grafting, approach grafting, T-budding, patch budding in various horticultural plants. The students were also learned and taken hands on training of pruning and plantation.

After the hands-on knowledge of grafting technique students were learned the garden layouts. The students were also learned the preparation of floral bouquet technique.

The tour in-charge Mr. Chetan Chivate has appreciated the efforts taken by gardener for detailed discussion about various nursery techniques and announced that the visit is successfully complete. At the end of nursery visit the students got hands on training and good experience of various nursery techniques at Shree Dutta Nursery, Shirol.





*Dr. S. D. Umdale*

Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme

*Dr. S. R. Sabale*

Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme

*Prof. Dr. (Mrs.) M. V. Kale*

Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

*Dr. S. A. Maniare*

Dr. S. A. Maniare  
Principal  
Jaysingpur College Jaysingpur





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## **DBT-STAR COLLEGE SCHEME**

**Report of**  
**Industrial Visit**  
**Janani Biotech and Tissue Culture**  
**Lab, Pimpalgaon**

**19<sup>th</sup> August, 2023**

***Organized by***

**Department of Botany,**  
**JAYSINGPUR COLLEGE JAYSINGPUR**





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

### Activity Report

Year:	<b>2023-24</b>
Name of the Activity:	Industrial visit of B. Sc. III Students
Date:	19 <sup>th</sup> August, 2023
Venue:	Janani Biotech and Tissue Culture Lab, Pimpalgaon
Financial Assistance	DBT-STAR COLLEGE SCHEME
Tour in-charge:	Dr. P. B. Karuna
Organised for: College/class/ staff	B. Sc. III Students
No. of Participants	12F +03M (01 staff)= 15 (01staff)
Nature: (e.g. Academic, cultural, sports etc)	Academic Activity
Objectives of the Activity	The objective of study tour was to familiarize the students with tissue culture techniques
Short Report (in English)	The Department of Botany organised the industrial field visit to Janani Biotech and Tissue Culture Lab, Pimpalgaon, Kolhapur. A total 15 students and 01 faculty were participated in this study tour. The present visit increased the knowledge of students about the tissue culture techniques and also received the hands-on training of sterilization techniques and hardening of plants at polyhouse.



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## **VISIT REPORT**

19<sup>th</sup> August, 2023

The Department of Botany has organised the industrial visit to Janani Biotech and Tissue Culture Lab, Pimpalgaon, Kolhapur as a part of curriculum of Certificate course on 'Plant Tissue Culture' on 19<sup>th</sup> August, 2023.

The Janani Biotech and tissue culture laboratory is proudly one of the major Exporter and Producers, Manufacturer of Banana Plants, banana tissue culture, etc. technically raised by tissue culture. Having last years of experience in the industry, their utmost sincerity and commitment all through has today led us to extend our client base globally. By a good fat research of 4 years in tissue culture of bamboo (*Bambusa Balcooa*) and with the usage of cutting edge technology in the field, they have developed loads of top notch quality plants till now in excellent aseptic conditions. The existing infrastructure has the ability to produce around 3 million daughter plants every year. The Quality Assurance Program is a combination of system monitoring and laboratory testing to confirm their quality.

A total 15 students and one faculty member were participated in this study tour. The teachers and students assembled and started journey from central Bus stand of Jaysingpur at 7.00 am. They reach at Janani Biotech and Tissue Culture Lab, Pimpalgaon, at 10.00 am via Kolhapur. During the visit the students were visited sterilization section, media preparation section, inoculation section and hardening section.

In sterilization section, students learned the various methods of sterilization techniques and also got hands-on training of sterilization methods. Students also learned about the hardening process of tissue cultured plants of Banana, Sugarcane and Bamboo plantlets.

The present visit increased the knowledge of students about the tissue culture techniques and also received the hands-on training of sterilization techniques and hardening of plants at polyhouse. The students received the commercial knowledge of tissue culture industry.









Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme

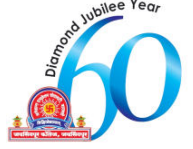
Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme

Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

Dr. S. A. Maniara  
Principal  
Jaysingpur College Jaysingpur



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
Department of Botany



CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24

Report of  
**Botanical Field Visit of B. Sc.  
I students**  
**Gaganbawada, Kolhapur**  
**(2023-24)**





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## Activity Report

Year:	<b>2023-24</b>
Name of the Activity:	Field visit of B. Sc. I Students to Gaganbawada
Date:	07 <sup>th</sup> October, 2023
Venue:	Department of Botany, Jaysingpur College
Financial Assistance	DBT-STAR COLLEGE SCHEME
Tour-incharge:	Mr. C. R. Chivate
Organised for: College/class/ staff	B. Sc. I Students
No. of Participants	50F (02 staff)+14M (01 staff)= 64 (03 staff)
Nature: (e.g. Academic, cultural, sports etc)	Academic Activity
Objectives of the Activity	The objective of study tour was to familiarize the students with the Bryophytes, Pteridophytes and floristic diversity of the Konkan area (Gaganbawada, Kolhapur) of Western Ghats of Maharashtra
Chief Guest/s or Resource Person/s	-
Short Report (in English)	As per the curriculum of Shivaji University, Kolhapur for B. Sc. I Botany subject. The department of Botany organised the Botanical Excursion to Gaganbawada, Kolhapur. A total 64 students and 03 faculty staff were participated in this study tour. The present Botanical study tour increased the knowledge of students about the nomenclature, Habit, Habitat, environment, and wealth of western Ghats of Maharashtra. This botanical excursion was fruitful for students





## **FIELD VISIT REPORT**

7<sup>th</sup> October 2023

As a part of B.Sc. I Botany curriculum, the Department of Botany has organised One Day Botanical excursion tour at Gaganbavda, Kolhapur on Saturday, 07<sup>th</sup> October 2023 for B.Sc. I year students.

The botanical excursions are arranged to give field exposure to students. Field education is equally important as classroom teaching. It adds vigour in learning processes and relieves monotones of indoor education. Field study is an essential part of botany as plants are best studied in their natural habitat. These tours also help to build good repo amongst students and teachers. The major objective was to familiarize the students with the wild flora and ecology of the region. A group of 64 students were accompanied by teaching staff Dr. Mrs. V. R. Dawande, Mr. C. R. Chivate, Miss. S. A. Magdum and non teaching staff Shri. N. G. Kamble, Botany department, Jaysingpur College Jaysingpur

The teachers and students assembled and started our journey from central Bus stand of Jaysingpur at 7.00 am. They reach Gaganbavda at 10.30 am via Kolhapur. The study of plants begins with the exploration of surrounding area nearby Kaneri Math, Karul Ghat to study plants in their wild habitat.

Students were made to identify the plants with their scientific name, family, identifying characters along with their importance. Some of the flowering twigs have been collected for the study of the families in syllabus. Now in the technical part of the trip, students have been explained all the characters of family with the help of flowering twig by Mr. C.R. Chivate. After the visit, one hour lunch break at 1.00 pm was taken and the whole team had a lunch in kaneri math along with the enjoyment of nature's beauty.

Gaganbavda is a town situated in the district of Kolhapur in Maharashtra, India. Gaganbavda, situated on the sahyadri range or the Western Ghats also has the famous fort Gagangad near it. This place gets maximum rainfall during rainy season. It is on the threshold of the famous Karul Ghat and Bhuibawada Ghat. Gaganbavda offers you most scenic views of mighty mountain ranges of the Western Ghats. The misty mountains and lush green hills of Gaganbavda are treat to the eyes. The flora and fauna in the forests around Gaganbavda will mesmerise any nature lover.



*Hibiscus vitifolius*



*Callicarpa macrophylla*



*Senecio sps.*



*Rhynchoglossum retusa*



*Canscora diffusa*



*Colebrookea oppositifolia*



*Moullava spicata*



Top view of Kaneri Math



Karul Ghat



Sahyadri range (Konkan View)



Note cam lite  
 Address : null,Gaganbawda,Maharashtra,India  
 Latitude : 16.54644037°  
 Longitude : 73.83205759°  
 Altitude : 12.446572 meter  
 Date : 10/07/2023 03:12 PM  
 Accuracy : 3.216 meter  
 Time zone : GMT+05:30  
 Note : Trip Gaganbawda B.Sc I

Biodiversity forests around Gaganbavda are extremely rich in biodiversity. These forests are also home to many medicinal plants and herbs. We observed some plants which are listed below.

Sr. No.	Names of Plants	Family
1	<i>Macranga peltata</i> Roxb. Mueller	Euphorbiaceae
2	<i>Senecio</i> sp. L.	Asteraceae
3	<i>Barleria crestata</i> L.	Acanthaceae
4	<i>Rhynchoglossum retusa</i> Blume	Gesneriaceae
5	<i>Callicarpa macrophylla</i> Vahl	Lamiaceae
6	<i>Elephantopus scaber</i> L.	Asteraceae
7	<i>Clerodendron</i> sp. L.	Verbenaceae
8	<i>Persicaria glabra</i> (Willd.) M.Gómez	Polygonaceae
9	<i>Colebrookea oppositifolia</i> Sm.	Lamiaceae
10	<i>Blepharites</i> sp Juss.	Acanthaceae
11	<i>Hyptis</i> sp. Jacq	Lamiaceae
12	<i>Acanthospermum</i> sp. Schrank.	Asteraceae
13	<i>Urena lobata</i> L.	Malvaceae
14	<i>Asystasia gangetica</i> (L.) T. Anderson	Acanthaceae
15	<i>Sida acuta</i> Burm. f.	Malvaceae
16	<i>Gentiana</i> sp.L.	Gentianaceae
17	<i>Canscora diffusa</i> (Vahl) R. Br.	Gentianaceae
18	<i>Hibiscus vitifolius</i> L.	Malvaceae
19	<i>Striga gesneriodes</i> (Willd.) Vatke	Orobanchaceae
20	<i>Moullava spicata</i> (Dalzell)Nicolson	Fabaceae
21	<i>Commelina benghalensis</i> L.	Commelinaceae
22	<i>Artocarpous heterophyllus</i> Lam.	Moraceae
23	<i>Ipomea indica</i> (Burm.) Merr	Convolvulaceae
24	<i>Mimosa pudica</i> L.	Fabaceae
25	<i>Mangifera indica</i> L.	Anacardiaceae
26	<i>Cocus nucifera</i> L.	Arecaceae
27	<i>Areca catechu</i> L.	Arecaceae
28	<i>Cynotis tuberosa</i> (Roxb.) Schult. & Schult.f.	Commelinaceae





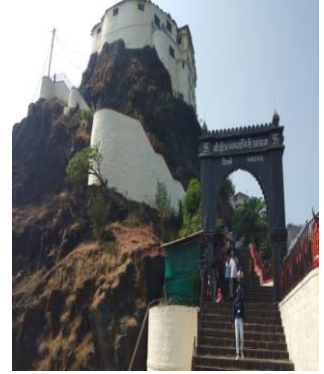
*Commelina benghalensis*



*Striga gesneriodes*



*Strobilanthes callosa*



Kaneri Math

The students were got the knowledge of plants taxonomy with their habitat and habit. The study tour was very interesting, students participated were interacted in very well manner, discipline with teachers, guide. Students realised that viewing the flora in natural habitat enhances theoretical and practical knowledge. Therefore, the trip successfully inculcated in students the practicality of different theoretical concepts of Botany.

Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme

Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme

Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

Dr. S. A. Maniara  
Principal  
Jaysingpur College Jaysingpur



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**ACTIVITY REPORT**

Year:	<b>2023-24</b>
Name of the Activity:	Wallpaper Activity
Date:	09 <sup>th</sup> November, 2023
Venue:	Department of Botany, Jaysingpur College
Financial Assistance:	DBT-STAR COLLEGE SCHEME
Co-ordinator:	Mr. C. R. Chivate
Organised for: College/class/ staff	B. Sc. III Students
No. of Participants	<b>02F+03M = 15</b>
Nature: (e.g. Academic, cultural, sports etc)	Academic Activity
Objectives of the Activity	To give exposure to students for their ability to express their views about plant science
Chief Guest/s or Resource Person/s	Prof. (Mrs). M. V. Kale Vice-Principal and Head, Department of Botany
Short Report (in English)	The department of Botany organized the " <b>Wallpaper Activity</b> " at Department of Botany, Jaysingpur College Jaysingpur. The 15 participants were prepared 08 posters of various areas of botanical science. During this activity students and visitors were got the knowledge of diverse area of Botany including recent advances and traditional botany. The program was conducted under the guidance and presence Prof. (Mrs). M. V. Kale, Head, Department of Botany, Jaysingpur College Jaysingpur.
Outcome/Remark	The students were enlightened with traditional botany and also recent advances in Botany.



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**Wallpaper Activity Report**

Date: 09.11.2023

The Department of Botany, Jaysingpur College Jaysingpur has organized a Wallpaper activity on 09<sup>th</sup> November, 2023. During this event, the all students of third year botany were actively participated in the wallpaper activity. The event was started at 11:00 am with welcome of our chief guest Prof. Dr. (Mrs). M. V. Kale, Vice-Principal and Head, Department of Botany, Jaysingpur College Jaysingpur. For wallpaper activity Mr. C.R. Chivate, Ms. S. B. Langare and Dr. S. D. Umdale from Department of Botany were present. During event, Prof. (Mrs.) M. V. Kale discussed about the theme and purpose of the organization of the wallpaper activity. During this event, a total fifteen participants made eight different wallpapers on recent advances and traditional Botany.

The event was over with vote of thanks given by Mr. C. R. Chivate and declared that activity was over.



Dr. S. D. Umdale  
 Program Coordinator  
 DBT-Star College Scheme

Dr. S. R. Sabale  
 Coordinator  
 DBT-Star College Scheme

Prof. Dr. (Mrs.) M. V. Kale  
 Head  
 Department of Botany

Dr. S. A. Manjare  
 Principal  
 Jaysingpur College Jaysingpur





Anekant Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

**REPORT ON**  
**Celebration of International Year of Millets**  
**&**  
**World Food Day**

*Organized by*  
**Department of Botany,**  
**Internal Quality Assurance Cell (IQAC)**

*Under the aegis of*  
**DBT-STAR COLLEGE SCHEME**



Anekant Education Society's  
**Jaysingpur College, Jaysingpur**

**Activity Report**  
**Department of Botany**

Year:	<b>2023-24</b>
Name of the Activity:	Celebration of International Year of Millets and World Food Day-2023
Date:	16 <sup>th</sup> October, 2023
Venue:	Conference Hall, Jaysingpur College Jaysingpur
Organiser	Department of Botany, Food Science and Quality Control, Internal Quality Assurance Cell (IQAC)
Financial Support	DBT-Star College Scheme
Co-ordinator:	Prof. Mrs. M. V. Kale
Conveners:	Dr. S. D. Umdale Mr. U. K. Kharade
Organised for: College/class/ staff	Students and teachers
No. of Participants	<b>55F+15M+15 Staff= 85</b>
Nature: (e.g. Academic, cultural, sports etc)	<b>Extracurricular Activity</b>
Objectives of the Activity	To Spread Awareness about the Health Benefits of Millets and increase the utilization of millets (SHREE ANNA)
Chief Guest/s or Resource Person/s	Dr. S. N. Pathan Former Vice-Chancellor, RTM Nagpur University Mr. Raju Shetti Former MP, Hatkanagle Loksabha Matdar Sangh
Short Report (in English)	The department of Botany Food Science and Quality Control, Internal Quality Assurance Cell (IQAC) organized the “ <b>Celebration of International Year of Millets and World Food Day-2023</b> ” on 16 <sup>th</sup> Oct. 2023 at Jaysingpur College Jaysingpur. During this program, the guest Dr. S. N. Pathan and Mr. Raju Shetti has given the talk about the millets of India and its health benefits. In this program students have prepared the posters on millets of India and also made delicious millet recipes. About 85 persons, especially student teachers, administrative Staff & Non-Teaching staff, and benefitted from the Millets exhibition. The chief guests’, students, and teachers celebrated the International Year of Millets and World Food Day-2023.



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## Activity Report

### **Celebration of International Year of Millets & World Food Day-2023**

**16<sup>th</sup> October, 2023**

On the recommendations of FAO (Food and Agriculture Organisation of United Nations) council and FAO Conference the UN General Assembly (UNGA) adopted by consensus a resolution sponsored by India and supported by 70 nations declared 2023 as International Year of Millets (IYoM-2023) on 3<sup>rd</sup> March 2021. The goal is to increase awareness of the health and economic benefits of millets. The UN also recognized the crop's potential to contribute to global food security and sustainable agriculture. The International Year of Millets 2023 aims to raise awareness about the importance of millets and their health benefits. The theme of the International Year of Millets is **“Healthy Millets, Healthy People”**.

On the occasion of celebration of International Year of Millets (IYoM-2023), the Department of Botany, Food Science and Quality Control and Internal Quality Assurance Cell (IQAC), Jaysingpur College, Jaysingpur has organized a “Celebration of International Year of Millets (IYoM) & World Food Day on 16<sup>th</sup> October, 2023 at Conference hall, Jaysingpur College, Jaysingpur. During this event, the all students, teachers, administrative Staff & Non-Teaching staff, were actively participated.

The program was started at 11:00 am by inauguration of wonderful and informative posters prepared by the students. The chief guest of the program, Dr. S. N Pathan inaugurated the millet posters event. Dr. S. N Pathan and Mr. Raju Shetti curiously visited to each and every poster and made interaction with students during the program. The posters were self-explanatory and based on the promotion of millet cultivation in India and



awareness about the health benefits and nutritional potential of millets. In the millet poster competition about 26 posters were prepared by the 37 participants.

**Ane Kant Education Society's**  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
 DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

Jointly organized by  
**Department of Botany,**  
**Department of Food Science and Quality Control**  
**Internal Quality Assurance Cell (IQAC)**

Supported by  
**DBT-Star College Scheme**

**16<sup>th</sup> October, 2023 @ 11.00 am**

**अखिल भारतीय तकनीकी शिक्षा परिषद्**  
 (आता साकार हो एक राष्ट्रीय निकाय)  
 (एनएच संसदजन्य निकाय संघटन, भारत सरकार)  
 केन्द्रीय संकेत संख्या: एनईए/एनईए/११००७०

**ALL INDIA COUNCIL FOR TECHNICAL EDUCATION**  
 (A Statutory Body of the Govt. of India)  
 (Ministry of Human Resources Development, Govt. of India)  
 Nelson Mandela Marg, Vasant Kunj, New Delhi-110070

Phone : 011-26131577 - 78, 80  
 011-26581000  
 Website : www.aicte-india.org

**Dr. Amit Dutta**  
 Director (Student Development Cell)

File No.-STDC/IYOM/809/2023-2023  
 Date: 10.10.2022

**CIRCULAR**

To,  
 The Vice Chancellor /Director / Principal,  
 All Universities & AICTE Approved Institutions

Sub: Celebration in connection with the International Year of Millets (IYoM)-2023

Sir/Madam,

The Government of India had proposed to United Nations for declaring 2023 as International Year of Millets (IYOM). The proposal of India was supported by 72 countries and United Nation's General Assembly (UNGA) declared 2023 as International Year of Millets on 5<sup>th</sup> March, 2021.

Now, the Ministry of Education, Government of India has decided to celebrate International Year of Millets (IYoM)-2023 to make it peoples' movement so that the Indian millets, recipes, value added products are accepted globally.

In this regard, you are requested to conduct various webinars on nutritious cereals such as Millets and join the campaign of the Government of India to celebrate IYOM-2023. Kindly mention your information related to program in the google form through this below link:  
<https://forms.gle/NH8FLqHoMNGxqctA8>

You are also further requested to upload the copy of this circular on your official website.

With Regards,

*(Dr. Amit Dutta)*  
 Director (SDC)

**Ane Kant Education Society's**  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
 DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

Jointly organized by  
**Department of Botany,**  
**Department of Food Science and Quality Control**  
**Internal Quality Assurance Cell (IQAC)**

Supported by  
**DBT-Star College Scheme**

**16<sup>th</sup> October, 2023 @ 11.00 am**

**CHIEF GUEST**  
**Hon. Dr. S. N. PATHAN**  
 Former Vice Chancellor, RTM Nagpur University, Nagpur

**CHAIRPERSON**  
**Hon. Mr. RAJU SHETTI**  
 Former MP Hatkanangle Lok Sabha Matdar Sangh

**COMPETITIONS**

**MILLET RECIPES**      **MILLET POSTERS**

**GRACIOUS PRESENCE**

<b>Dr. S. A. Manjare</b> Principal	<b>Mr. Padmakar Patil</b> Treasurer	<b>Dr. Mahavir Akkole</b> Secretary	<b>Dr. S. B. Adadane</b> Chairman
---------------------------------------	--	--	--------------------------------------

**All Local Committee Members**

<b>Mr. U. K. Kharade</b> Convener Department of Food Science & Quality Control	<b>Dr. S. D. Umdale</b> Convener Department of Botany	<b>Prof. T. G. Ghatage</b> Coordinator IQAC	<b>Dr. S. R. Sabale</b> Coordinator, DBT - Star College Scheme	<b>Prof. (Mrs.) M. V. Kale</b> Program Coordinator, Vice-Principal & Head, Department of Botany
--	---	---	--	---

**Venue : Conference Hall**

The second event of Millet recipe was inaugurated by the chairperson of the function, Mr. Raju Shetti at 11:45 am. The 38 student participants were prepared the delicious millet recipes by showing their culinary creativity. The Millet milk powder, Millet thali, Nachani Kabab, Nachani Ladoo and Nachani Smoothe are main attraction for the visitors.

The next session of function was started at 12:30pm with introduction of the program and welcome of the chief guest Dr. S. N. Pathan, and chairperson of the program Mr. Raju Shetti by Prof. Mrs. M. V. Kale, Vice-Principal and Head, Department of Botany. In her speech she has given brief idea of the celebration of International Year of Millets (IYoM-2023) and World Food Day. After the welcome the program was inaugurated by lighting of lamp and showing the documentary film on millets. Dr. Suraj Umdale, Asst. Prof. Department of Botany has given the introduction of the chief guest Dr. S. N. Pathan, and chairperson of the program Mr. Raju Shetti.

After introduction, the chief guest Dr. S. N. Pathan gave talk about the various millets cultivated in India and their health benefits. In his talk he appreciated the organisation of millet poster and Millet Recipe event. In chairperson remark Mr. Raju Shetti, has encouraged students to perform the research on millets to enhance the productivity and create the awareness among the various farmers of the local villages.

During this program an esteemed panel of culinary experts were invited to judge the millet poster and Millet Recipe competition. Their expertise ensured a fair and knowledgeable evaluation of the dishes. The experts have given the results to the event management officer. The awards of the first three winners of Millet Poster and Millet Recipe competition was given with the auspicious hands of Dr. S. N. Pathan and Mr. Raju Shetti

The whole event was anchored by Dr. Mrs. S. S. Shelake. The program was over with vote of thanks given by Mr. U. K. Kharade and with the permission of the Co-ordinator of the program, Prof. Mrs. M. V. Kale declared that program was successfully completed.

The event not only provided a platform for our students to showcase their cooking talents but also promoted the use of millets as a nutritious and sustainable food source. This initiative aligns with the goals of the Indian Government initiative "SHREE ANNNA" promoting sustainable agriculture and healthy eating habits.



INTERNATIONAL YEAR OF MILLETS 2023 INDIA LEADING THE WAY #IMY2023

### RICH IN HERITAGE FULL OF POTENTIAL

Proper handling of millets is key to maintaining their high quality and nutritional benefits



- Timely harvesting ensures good grain quality followed by threshing to remove grains from the stalks. Controlled mechanical processes for the dehulling of millets, as they reduce losses from spillage and provide clean intact grains that are ready for market.
- Innovative agro-processing, especially in the production of nutritious foods, could target both traditional and non-traditional markets such as youth, urban consumers, tourists etc., leading to market expansion, and increased food and nutrition security and incomes for smallholder farmers.

INTERNATIONAL YEAR OF MILLETS 2023 INDIA LEADING THE WAY #IMY2023

### RICH IN HERITAGE FULL OF POTENTIAL

Greater trade in millets can improve the diversity of the global food system



- Millet, account for less than 3% of the global grains trade. With the need to improve the resilience of global trade, millets are a valuable option to increase output diversity and mitigate risks related to production shocks.
- Market structure and transparency, in relation to volumes and prices of millets, are key elements to ensure stability and sustainability and ensure that millet traders benefit from the same tools as other grain traders, boosting the added value of millet along the grain value chain and consequently provide more revenue opportunities for producers.

INTERNATIONAL YEAR OF MILLETS 2023 INDIA LEADING THE WAY #IMY2023

### WHAT ARE MILLETS?

Millets encompass a diverse group of cereals including pearl, proso, foxtail, barnyard, little, kodo, browntop, finger and Guinea millets as well as fonio, sorghum (or great millet) and teff.



They were among the first plants to be domesticated and serve as a traditional staple crop for millions of farmers in Sub-Saharan Africa and Asia.

INTERNATIONAL YEAR OF MILLETS 2023 INDIA LEADING THE WAY #IMY2023

### MILLETS ARE...

- A diverse group of small-grained dryland cereals
- Climate resilient, tolerant of poor soils, drought and harsh growing conditions
- Adaptable to different production environments, without high fertilizer and pesticide needs
- Integral to ancestral traditions, cultures and indigenous knowledge
- Nutritious "nutri-cereals" that provide dietary fiber, antioxidants, protein and minerals, including iron
- Good for human and animal health (through food and feed)
- Gluten free with a low glycaemic index to address intolerances and diabetes
- Diverse in taste and the products and recipes they are based on
- A source of income for marginal production areas in rural, urban, regional and international trade
- A way to create decent jobs for women and youth through innovative processing and marketing opportunities
- A way to transform local agrofood systems for better production, better nutrition, a better environment, and a better life

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

## CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY

Department of Botany

### Healthy DELIGHT FOR EACH DAY OF A WEEK!




- MONDAY: Foxtail Millet Idli
- TUESDAY: Barnyard Millet Uppma
- WEDNESDAY: Kodo Millet Pulao
- THURSDAY: Little Millet Dosa
- FRIDAY: Browntop Millet Porridge
- SATURDAY: Spicy Vegetable Kheerdi
- SUNDAY: Nutritional Millet Kheer

### Guess what will keep your energy levels high the entire day



AN UNHEALTHY BOWL OF JUNK FOOD OR A HEALTHY BOWL OF MILLETS


### THE MIRACLE GRAINS TO UPLIFT YOUR WELL-BEING...



- Foxtail
- Little
- Kodo
- Barnyard
- Browntop

## TINY BUT MIGHTY!

### Siridhanya Millets A Nutritious Choice to Make Everyday Wonderful!



- Easily Digestible
- Rich in Protein
- Full Of Essential Vitamins & Minerals
- For Overall Health & Well Being
- High Dietary Fibre

UNPOLISHED GLUTEN FREE

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

## CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY

Department of Botany



UNGA

unanimously adopts India-sponsored resolution declaring

# 2023 International Year of Millets

3-Affairs/Cloud

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

## CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY

Department of Botany



sorghum pearl finger foxtail little kodo barnyard proso browntop

### 1 am Millet and this is my story



- 1 am good for Farmer and good for planet
- 1 have low-carbon foot print and consume less water
- 1 am gluten free and go easy on your digestion
- 1 offer critical health benefits and vital nutrients
- 1 can be stored for years and have a long shelf life
- 1 am made with me as the best ingredients

KIRIT

G20 Healthy Lifestyle using Millets for LIFE (Lifestyle for Environment) #ChooseLIFE



- Bajra**: Helps in weight loss, manages diabetes & support healthy hair, nails & skin
- Ragi**: Prevents skin from ageing, boost of calcium, high in protein
- Jowar**: Rich source of protein, improves digestion, boosts immunity, improves heart health & controls blood sugar level
- Foxtail Millet**: Strengthens nervous system, boosts cardiac health & stronger bones

Ministry of Environment, Forest and Climate Change

अंतर्राष्ट्रीय श्री अन्न वर्ष भारत INDIA

International Year of Millets (Shree Anna) 500



INTERNATIONAL YEAR OF MILLETS 2023

G20 SPAC

### Minor Millet

- High in many Micro & Macro Nutrients
- High in Fibre
- Good source of Plant Protein
- Rich in Antioxidants
- Packed with Minerals and Vitamins
- Good source of Zinc, Iron, Potassium & Calcium
- Has good Carbs

Buy directly from FPO Farmers

CSDB



Anekant Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

Jointly organized by  
Department of Botany,  
Department of Food Science and Quality Control  
Internal Quality Assurance Cell (IQAC)

Supported by  
DBT-Star College Scheme

**CERTIFICATE**

This is to Certify that, Mt./Mrs./Miss Pratiksha Gundappa Kolhapure of B.Sc III has participated in the Food Recipe/Poster Competition and secured First/Second/Third rank during "Celebration of International Year of Millets & World Food Day" organized by **JAYSINGPUR COLLEGE JAYSINGPUR** on 16<sup>th</sup> October, 2023.

  
 Prof. (Mrs.) M. V. Kale  
 Program Coordinator, Vice-Principal &  
 Head, Department of Botany

  
 Dr. S. A. Manjare  
 Principal

**Certificate**

Anekant Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

Jointly organized by  
Department of Botany,  
Department of Food Science and Quality Control  
Internal Quality Assurance Cell (IQAC)

Supported by  
DBT-Star College Scheme  
16<sup>th</sup> October, 2023 @ 11.00 am

Code	Name of the Participants	Mobile No.	Title	Marks (10)
PP-47				
PP-48				
PP-49				
PP-50				

**Food Recipe Competition Result**

Prize/Award	Poster No.	Name of the Participants	Mobile No.
1 <sup>st</sup>	PP-1	Ayesha S. Mulloni, Shahista S. Lakade, Safiya K. Pathan.	
2 <sup>nd</sup>	PP-13	Disha Shinde.	
3 <sup>rd</sup>	PP-02	Jasrta Khan, Shital P. Kavade.	
Inclusive award	PP-04	Vansha Shambhukete, Sanika Kshirsagar.	

Chairperson: Mr. Chivade C.R.  
Examiners: Dr. S. R. Sabale, Dr. S. R. Patil

**Winners**

Anekant Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

Jointly organized by  
Department of Botany,  
Department of Food Science and Quality Control  
Internal Quality Assurance Cell (IQAC)

Supported by  
DBT-Star College Scheme  
16<sup>th</sup> October, 2023 @ 11.00 am

**Attendance Sheet**

Sr. No.	Name of the Participants	Class	Sign
1	Sanika R. Kshirsagar	B.Sc II	[Signature]
2	Vansha R. Shambhukete	B.Sc II	[Signature]
3	Asiya I. Mujawar	B.Sc II	[Signature]
4	Sadhana Balwant Hadam	B.Sc II	[Signature]
5	Manali L. Patole	"	[Signature]
6	Samiksha S. Mali	B.Sc II	[Signature]
7	Swarnali V. Mali	B.Sc II	[Signature]
8	Jasrta M. Khan	B.Sc II	[Signature]
9	Kanika M. Inamdar	B.Sc II	[Signature]
10	Radhika D. Subar	B.Sc II	[Signature]
11	Tanuja S. Pawar	B.Sc II	[Signature]
12	Sneha R. Pawar	B.Sc II	[Signature]
13	Shradha A. Sutar	B.Sc II	[Signature]
14	Ashwini G. Mirajkar	B.Sc II	[Signature]
15	Shital P. Kavade	B.Sc II	[Signature]
16	Sanshi Ladappa Bagadi	B.Sc II	[Signature]
17	Anushumita Rajaram Halbar	B.Sc II	[Signature]
18	Tamanna Salim Mujawar	B.Sc II	[Signature]

Anekant Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

Jointly organized by  
Department of Botany,  
Department of Food Science and Quality Control  
Internal Quality Assurance Cell (IQAC)

Supported by  
DBT-Star College Scheme  
16<sup>th</sup> October, 2023 @ 11.00 am

**Poster Presentations Evaluation Sheet**

Code	Name of the Participants	Mobile No.	Title	Marks (10)
PP-01	Safiya, Shahista Ayesha	9421301604		10 I
PP-02	Jasrta, Shital	9657244969		8 III
PP-03	Rutuja, Sakshi	8536957915		06 IV
PP-04	Vansha, Sanika	7499587832		07 IV
PP-05	Sadhana, Sneha	8149546936		05
PP-06	Taslim Mujawar	7709824932		6
PP-07	Shrutika Bendar	9511209369		05
PP-08	Vivekanand k. chougale	7643099601		06
PP-09	shamali.s. patil	7755067236		06
PP-10	Sneha. T. Kamble	9262855061		06
PP-11	Alisifa M. Tamboli	8626073054		06
PP-12	Kaheer Shubhang D	7052101983		06
PP-13	Patil Komal C.	7076093563		06
PP-14	patil wishwajet J	9112499934		06

Anekant Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
DIAMOND JUBILEE YEAR - 2023-24

**CELEBRATION OF INTERNATIONAL YEAR OF MILLETS & WORLD FOOD DAY**

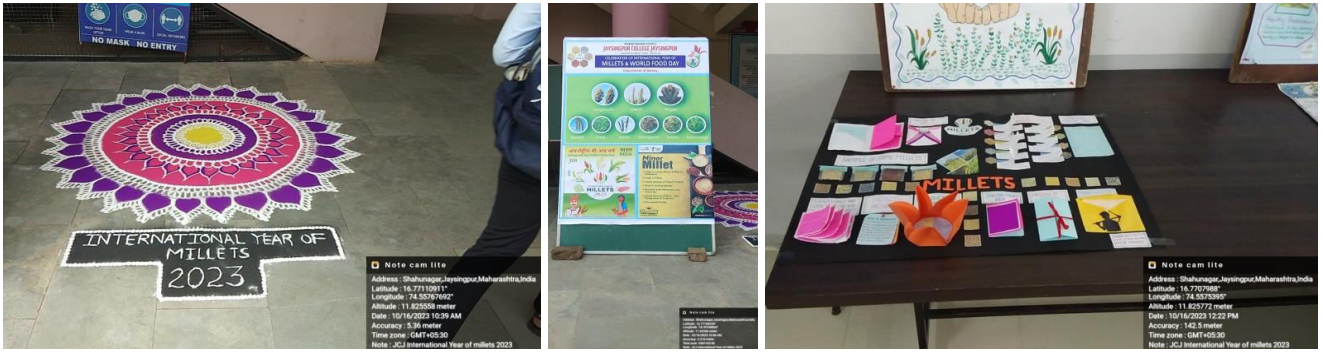
Jointly organized by  
Department of Botany,  
Department of Food Science and Quality Control  
Internal Quality Assurance Cell (IQAC)

Supported by  
DBT-Star College Scheme  
16<sup>th</sup> October, 2023 @ 11.00 am

Sr. No.	Name of the Participants	Class	Sign
19	Taslim Yasin Mujawar	B.Sc II	[Signature]
20	Rutuja vijay savant	B.Sc II	[Signature]
21	Pratiksha Ranjit Patil	B.Sc II	[Signature]
22	Siddhata Sambhaji Patil	B.Sc II	[Signature]
23	Meenal suresh munge	B.Sc II	[Signature]
24	Shahista shaukat Lakade	B.Sc II	[Signature]
25	Ayesha shakil Mallani	B.Sc II	[Signature]
26	Safiya Khalil Pathan	B.Sc II	[Signature]
27	Neha Tanaji Padole	B.Sc II	[Signature]
28	Gadewad karife kumar	B.Sc II	[Signature]
29	chougale parik sanjay	B.Sc II	[Signature]
30	Resai Tejas sukumar	B.Sc II	[Signature]
31	Nivade Khalid Majia	B.Sc II	[Signature]
32	Mulla Hafiz Mubshak	B.Sc II	[Signature]
33	Janalee Akib saetaj	B.Sc II	[Signature]
34	Maaz Maheshif patel	B.Sc II	[Signature]
35	Swarnali Rasu Jadhav	B.Sc II	[Signature]
36	Kaees Janir mulla	B.Sc II	[Signature]
37	Sharmal shashikant patil	B.Sc II	[Signature]
38	Vivekanand kundlik chougale	B.Sc II	[Signature]

**List of Participants**

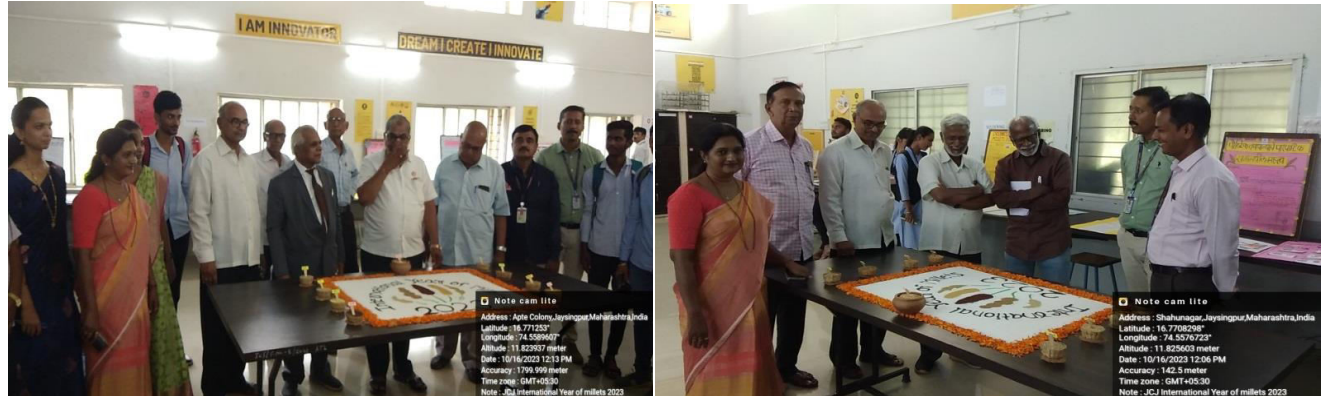




**Celebration of International Year of Millets (IYoM) & World Food Day**



**Inauguration of Millet Posters by Chief guest Dr. S. N. Pathan & Mr. Raju Shetti**



**Interaction with Participants (Millet Posters)**





**Inauguration of Millet Recipes competition by Chief guest Dr. S. N. Pathan & Mr. Raju Shetti**



**The panel of culinary experts to judge the Millet Recipe Competition**



**Interaction with Participants (Millet Recipe Competition)**





**Inauguration of Celebration of International Year of Millets (IYoM) 2023 & World Food day**



**Welcome and felicitation of Chief guest Dr. S. N. Pathan and Mr. Raju Shetti**



**Chief guest Dr. S. N. Pathan & Mr. Raju Shetti delivering talk on Millets**



**Felicitation of Award Winners of Millet Posters and Millet Recipe Competitions**



*Dr. S. D. Umdale*

Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme

*Dr. S. R. Sabale*

Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme

*Prof. Dr. (Mrs.) M. V. Kale*

Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

*Dr. S. A. Maniara*

Dr. S. A. Maniara  
Principal  
Jaysingpur College Jaysingpur





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**ACTIVITY REPORT**

Year:	<b>2023-24</b>
Name of the Activity:	<b>Industrial and Agri. visit for B.Sc. II students</b>
Date:	19 <sup>th</sup> & 20 <sup>th</sup> , January 2024
Venue:	1) Agharkar Research Institute (ARI), Pune 2) Vasantdada Sugar Institute (VSI), Pune 3) <b>Krushik Pradarshan- Krushik</b> , Baramati
Financial Support	DBT-STAR COLLEGE SCHEME
Tour In-charge :	Dr. P. B. Karuma
Organised for: College/class/ staff	B. Sc. II (Botany) Students
No. of Participants	24F (01 staff)+08M (02 staff)= 32 (03staff)
Nature: (e.g. Academic, cultural, sports etc)	Industrial Visit, Research Laboratory Visit, Krushi Pradarshan
Objectives of the Activity	The objective of study tour is to know the various Research Laboratories, Industries and also know the Krushi Pradarshan
Short Report (in English)	A total 32 students were participated in this visit along with two teachers and one staff. On 19.01.2024 students visited the Agharkar Research Institute (ARI), and Vasantdada Sugar Institute (VSI), Pune. On 20.01.2024 students visited the Krushi Pradarshan organized by Krushi Vigyan Kendra' Baramati.
Outcome/Remark	During this visit the student got exposure and knowledge of various industries and research laboratories around them and job opportunities. After visiting Krushi Pradarshan students are able to know the various start-ups in the field of Botany and Agriculture.





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**Visit to Agharkar Research Institute (ARI), Vasantdada Sugar Institute (VSI), Pune and Krushi Pradarshan- Krushik, Baramati**

**19<sup>th</sup> & 20<sup>th</sup>, January 2024**

With the objective to give industrial and research laboratory exposure to students, the Department of Botany has organized an industrial visit to Vasantdada Sugar Institute (VSI) Pune; Research Laboratory visit to Agharkar Research Institute (ARI), Pune; and also organised the visit to the Krushi Pradarshan at 'Krushi Vigyan Kendra' Baramati on 19<sup>th</sup> & 20<sup>th</sup>, January 2024. A total 32 students and two teachers and one staff members were participated in the visit.

The Agharkar Research Institute (ARI) is located in Pune, Maharashtra, India. Agharkar Research Institute is an autonomous, grant-in-aid research institute of the Department of Science and Technology, Government of India. In Agharkar Research Institute, students were visited Mycology division. In Mycology division, students were observed the various methods of preservation of fungi like lyophilization, preservation in glycerol, mineral oil, sterile water, and cryopreservation techniques. The different fungi were cultured in potato carrot media. After mycology division students visited different instruments were known like HPLC, spectrophotometer, oven, autoclave, laminar flow microscopes etc. The Dr. Paras Nath Singh, Dr. R. Nichitha has given information about the methods for production of antibiotics, and various drugs. The students visited Ajrekar Mycological Herbarium (AMH) of fungi. The National Fungal Culture Collection of India (Acronym- NFCCI) is a unique national facility established in 2008 by DST, New Delhi at Agharkar Research Institute, Pune. The NFCCI is an exclusive repository holding over 2800 strains of different groups of fungi.

In plant tissue culture laboratory student different were studied procedure of the media preparation, and sterilization methods. The herbarium section of ARI has acronym, AHMA (Agharkar Herbarium of Maharashtra Association) which is established in 1984 and have has 3500 herbarium specimens. The ARI have great collection Diatoms and about 9000 diatom specimen slides are maintained.

In Vasantdada Sugar Institute (VSI), the students got knowledge of tissue culture technique of sugarcane, visited various laboratories, instruments, culture media preparation section. The students also visited the demo plots of varieties of sugarcane such as Co740, Co7219, Co8014, Co86032, VSI434, VSI12121 and CoVSI03102.



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 GXGF+FRV Vasantdada Sugar Institute, Manjari Rd, Vasantdada Sugar Institute Colony, Manjari Budruk, Pune, Maharashtra 412307, भारत  
 Lat 18.526347°  
 Long 73.974742°  
 19/01/24 04:22 PM GMT +05:30



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 Block-B, GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, Shivajinagar, Pune, Maharashtra 411004, भारत  
 Lat 18.522016°  
 Long 73.831691°  
 19/01/24 11:13 AM GMT +05:30



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 Block-B, GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, Shivajinagar, Pune, Maharashtra 411004, भारत  
 Lat 18.522016°  
 Long 73.831691°  
 19/01/24 11:38 AM GMT +05:30



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 Block-B, GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, Shivajinagar, Pune, Maharashtra 411004, भारत  
 Lat 18.522016°  
 Long 73.831691°  
 19/01/24 11:44 AM GMT +05:30



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 Block-B, GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, Shivajinagar, Pune, Maharashtra 411004, भारत  
 Lat 18.522016°  
 Long 73.831691°  
 19/01/24 12:37 PM GMT +05:30



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 Block-B, GOKHALE INSTITUTE OF POLITICS AND ECONOMICS, Shivajinagar, Pune, Maharashtra 411004, भारत  
 Lat 18.522044°  
 Long 73.831503°  
 19/01/24 12:38 PM GMT +05:30



**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 GXGF+FRV Vasantdada Sugar Institute, Manjari Rd, Vasantdada Sugar Institute Colony, Manjari Budruk, Pune, Maharashtra 412307, भारत  
 Lat 18.526347°  
 Long 73.974742°  
 19/01/24 04:21 PM GMT +05:30

**Research Laboratory visit to Agharkar Research Institute (ARI), Pune**



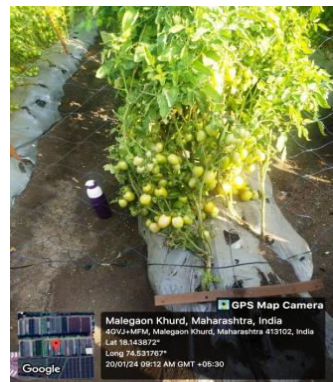
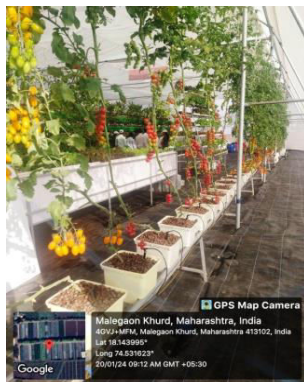
**GPS Map Camera**  
 Pune, Maharashtra, भारत  
 GXGF+HFH Vasantdada Sugar Institute, Vasantdada Sugar Institute Colony, Manjari Budruk, Pune, Maharashtra 412307, भारत  
 Lat 18.526489°  
 Long 73.973783°  
 19/01/24 04:49 PM GMT +05:30



**GPS Map Camera**  
 पुणे, महाराष्ट्र, भारत  
 वसंतदादा शुगर इन्स्टिट्यूट, वसंतदादा शुगर इन्स्टिट्यूट कॉलनी, मांजरी बुद्रुक, महाराष्ट्र 412307, भारत  
 Lat 18.523343°  
 Long 73.976468°  
 19/01/24 05:19 PM GMT +05:30

**Industrial visit to Vasantdada Sugar Institute (VSI), Pune**





Visit to Krushi Pradarshan- Krushik, organized by 'Krushi Vigyan Kendra' Baramati





## Visit to Krushi Pardarshan (Krushik) Baramati-

On 20<sup>th</sup>, January 2024, the students were visited the Krushi pradarshan (Krushik) organized by the ICAR's, Krushi Vigyan Kendra, Baramati. The Krushik-Agri event is a neutral platform where farmers, companies, Govt. Departments, researchers, students and all stake holders of Agriculture industry are equally benefited. In Krushi Pardarshan, students visited various stalls and demo plots of exotic vegetables like broccoli, lettuce, Red, yellow, violet cabbage, cauliflower, tomato, chili, Turkey finger millet. The students were also visited fruit crop section such as Blue java banana, yellakki banana, grand Nain banana (G9), red banana, zucchini, knoll-khol, Brussels sprouts, Fenel, and Kale; Floriculture section students visited to flower demo plots of rose, gerbera, salvia, marigold, etc. The students also visited the hydroponic demo section arranged by the Jain Irrigation, Jalgaon.

Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme

Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme

Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

Dr. S. A. Maniara  
Principal  
Jaysingpur College Jaysingpur

Anekant Education Society's

# JAYSINGPUR COLLEGE JAYSINGPUR



**REPORT ON**

## **Hands-on Training on Bonsai Technique & Bonsai Exhibition**

**24<sup>th</sup> January, 2024**

***Organized by***

**Department of Botany,  
Internal Quality Assurance Cell (IQAC)**

***Under the aegis of***

**DBT-STAR COLLEGE SCHEME**



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**ACTIVITY REPORT**

Academic Year:	<b>2023-24</b>
Name of the Activity:	Hands-on Training on Bonsai Technique and Bonsai Exhibition
Date:	24 <sup>th</sup> January, 2024
Venue:	Conference Hall, Jaysingpur College Jaysingpur
Organiser	Department of Botany, Internal Quality Assurance Cell (IQAC)
Financial Support	DBT-Star College Scheme
Co-ordinator:	Dr. S. D. Umdale
Conveners:	Mr. C. R. Chivate Miss. S. B. Langare
Organised for: College/class/ staff	Students and teachers
No. of Participants	<b>61F+25M= 86</b>
Nature: (e.g. Academic, cultural, sports etc)	<b>Extracurricular Activity</b>
Objectives of the Activity	To develop skills in the area of designing, styles and making of bonsai and to create knowledge on self employment through and entrepreneur skills among the students.
Chief Guest/s or Resource Person/s	1) Mrs. Suniti M. Deshmukh, Founder & President, Kolhapur Bonsai Club 2) Mrs. Sushma Shewade Member, Kolhapur Bonsai Club 3) Mrs. Neha Kulkarni Member, Kolhapur Bonsai Club 4) Mr. Laxman Mali Bonsai Gardner
Short Report (in English)	The department of Botany and Internal Quality Assurance Cell (IQAC) organized the <b>“Hands-on training on Bonsai Technique and Bonsai Exhibition”</b> on 24 <sup>th</sup> Jan. 2024 at Jaysingpur College Jaysingpur. During this program, the resource person Mrs. Suniti Deshmukh has been given the presentation about the various types of Bonsai and the technique of making bonsai. During this program the resource persons have prepared the beautiful bonsai. About 86 students were participated in the hands-on training program, and benefitted from the bonsai technique. The exhibition about 75 Bonsai has been arranged and benefitted by students, teachers, and administrative staff.





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
**Department of Botany**

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## **Activity Report**

### **“Hands-on training on Bonsai Technique and Bonsai Exhibition”**

**24<sup>th</sup> January, 2024**

The department of Botany and Internal Quality Assurance Cell (IQAC) organized the **“Hands-on training on Bonsai Technique and Bonsai Exhibition”** on 24<sup>th</sup> January 2024 at Jaysingpur College Jaysingpur. The program was started at 11:00 am felicitation and welcome of resource persons, Mrs. Suniti Deshmukh; Mrs. Sushma Shewade; Mrs. Neha Kulkarni and Mr. Laxman Mali by Prof. M. V. Kale, head, Department of Botany and Dr. S. A. Manjare, Principal, Jaysingpur College Jaysingpur. The preface of the program was given by Prof. Dr. (Mrs.) M. V. Kale. The brief introduction of resource persons was given by Dr. Suraj Umdale, Program Coordinator and Assistant Professor, Department of Botany.

During this program, the resource person Mrs. Suniti Deshmukh has been given the presentation about the various types of Bonsai and the technique of making bonsai. The team of resource persons gave hands-on training of Bonsai making for the students and prepared the beautiful bonsai. About 86 students were participated in the hands-on training program, and benefitted from the bonsai technique.

The second event of “Bonsai exhibition” was inaugurated by Dr. Mahavir Akkole, Secretary, Local Committee, Anekant Education Society’s, Jaysingpur College Jaysingpur on 1:00 pm. The exhibition about 75 Bonsai has been arranged and benefited by students, teachers, and administrative staff. The mini bonsai and people bonsai were the main attraction for the visitors.

The whole event was anchored by Miss. Vaishanvi Kadam, B.Sc. III (Botany) student. The program was over with vote of thanks given by Mrs. V. R. Dawande and with the permission of the Prof. Mrs. M. V. Kale declared that program was successfully completed.







# Anekant Education Society's JAYSINGPUR COLLEGE JAYSINGPUR

- Affiliated to Shivaji University Kolhapur
- Jain Minority College
- Reaccredited 'A' grade by NAAC
- DST-FIST [Level-1] Sponsored



**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

## Hands-on training on **Bonsai Technique** and **“Bonsai Exhibition”**



Organized by  
**DEPARTMENT OF BOTANY**  
Internal Quality Assurance Cell (IQAC)

Under the aegis of  
**DBT-Star College Scheme**

**RESOURCE PERSON**

**Mrs. Suniti Deshmukh**

Founder & President, Kolhapur Bonsai Club

**Date: 24<sup>th</sup> January, 2024**

**Time: 10:30 am**



**Venue**

**Conference Hall**

**Jaysingpur College, Jaysingpur**

**Organizing Committee Members**



Miss. S. A. Magdum  
Member

Dr. Mrs. V. R. Dawande  
Member

Dr. P. B. Karuma  
Member

Mr. C. R. Chivate  
Convener

Miss. S. B. Langare  
Co-Convener

Dr. S. D. Umdale  
Program Coordinator



**Dr. S. R. Sabale**  
Coordinator  
DBT-Star College Scheme

**Prof. Dr. (Mrs.) M. V. Kale**  
Head,  
Department of Botany

**Prof. Dr. T. G. Ghatge**  
Coordinator  
Internal Quality Assurance Cell

**Dr. S. A. Manjare**  
Principal,  
Jaysingpur College Jaysingpur

**Program Brochure**

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
• Affiliated to Shivaji University Kolhapur  
• Jain Minority College  
• Reaccredited 'A' grade by NAAC  
• DST-FIST [Level-I] Sponsored

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**Hands-on training on "Bonsai Technique"**  
Date: 24.02.2024

**ATTENDANCE SHEET**

Sr. No.	Name of student/Faculty	Class/ designation	Sign
1	Samiksha Sadashiv Mali	B.sc-II	<i>s.mali</i>
2	Swarnali Vijay Mali	B.sc II	<i>Swali</i>
3	Varsha Rajesh Sambhushete	B.sc-II	<i>VPS</i>
4	Sanika Ravindra Kshirsagar	B.sc-II	<i>S.K.</i>
5	Manali Lakshman Patole	B.sc II	<i>M.P.</i>
6	Bibhishya Rizwan Shaikh	B.sc-II	<i>B.S.</i>
7	Kanika Mukhtas Trambha	B.sc II	<i>K.M.</i>
8	Saliya Khalil Pathan	B.sc II	<i>S.P.</i>
9	Ayesha Shakil Mullani	B.sc II	<i>A.S.</i>
10	Shahista Shoukat Lakade	B.sc II	<i>S.L.</i>
11	Neha Tanaji Bhalade	B.sc II	<i>N.B.</i>
12	Asiya Ibrahim Mujawar	B.sc-II	<i>A.M.</i>
13	Nikita Manik Deshmukh	B.sc-II	<i>N.D.</i>
14	Shraddha Annasa Sutar	B.sc-II	<i>S.S.</i>
15	Soundarya Balasa Mane	B.sc-II	<i>S.M.</i>
16	Manasi Shailesh Kamble	B.sc-II	<i>M.K.</i>
17	Limikai Geetanjali Rajendra	B.sc II	<i>L.R.</i>
18	Shreya Harnam Kamble	B.sc-II	<i>S.K.</i>
19	Sadhana Balwant Kadam	B.Sc II	<i>S.K.</i>
20	Preeta Vinod Bhat	B.Sc-II	<i>P.B.</i>
21	Saliya Anshu Prusti	B.Sc-II	<i>S.P.</i>
22	Muskan Mubarak Kale	B.Sc-II	<i>M.K.</i>
23	Priyanka diinkar raute	B.Sc-II	<i>P.R.</i>
24	Saima Ramjan Ghurake	B.Sc II	<i>S.G.</i>
25	Harshada Sambhaji Kore	B.Sc II	<i>H.K.</i>

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
• Affiliated to Shivaji University Kolhapur  
• Jain Minority College  
• Reaccredited 'A' grade by NAAC  
• DST-FIST [Level-I] Sponsored

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**Hands-on training on "Bonsai Technique"**  
Date: 24.01.2024

**ATTENDANCE SHEET**

Sr. No.	Name of student/Faculty	Class/ designation	Sign
26	Sayali Sukumar Badbade	B.sc II	<i>S.B.</i>
27	Muskan Rashid Dange	B.sc-II	<i>M.D.</i>
28	Sneha Suresh Naik	B.sc-II	<i>S.N.</i>
29	Shraddha Dattatray Yadav	B.sc-II	<i>S.Y.</i>
30	Anita Anil Dhargar	B.sc-II	<i>A.D.</i>
31	Jayina Mahamadhus Khan	B.sc-II	<i>J.M.</i>
32	Shital Anandkrishna Kulkarni	B.sc-II	<i>S.K.</i>
33	Tamanna Salim Mujawar	B.sc-II	<i>T.M.</i>
34	Taslim Yasir Mujawar	B.sc-II	<i>T.M.</i>
35	Ashwini Ganapati Mhargi KAT	B.sc-II	<i>A.M.</i>
36	Tupty Suresh Bhusar	B.sc-II	<i>T.B.</i>
37	Sneha Raju Pawar	B.sc-II	<i>S.P.</i>
38	Rashika Chandram Sutar	B.sc-II	<i>R.S.</i>
39	Arundhathi Rajaram Halakar	B.sc-II	<i>A.H.</i>
40	Sakshi Ladappa Bagadi	B.sc-II	<i>S.B.</i>
41	Dhanashri Kumar Chhalap	B.sc-II	<i>D.C.</i>
42	Mrunali Suresh Merga	B.sc-II	<i>M.M.</i>
43	Pratiksha Ranjit Patil	B.sc-II	<i>P.P.</i>
44	Siddhanta Sambhaji Patil	B.sc-II	<i>S.P.</i>
45	Akanksha Umesh Rajput	B.Sc-I	<i>A.R.</i>
46	Samarudhni Sandeep Salunke	B.sc-I	<i>S.S.</i>
47	Payal Suryakant Shinde	B.Sc-I	<i>P.S.</i>
48	Vaishnavi Vaibhav Sutar	B.Sc-I	<i>V.S.</i>
49	Nikita Sunil Ghosale	B.sc-I	<i>N.G.</i>
50	Sakshi Prakash Thakde	B.sc-I	<i>S.T.</i>

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
• Affiliated to Shivaji University Kolhapur  
• Jain Minority College  
• Reaccredited 'A' grade by NAAC  
• DST-FIST [Level-I] Sponsored

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**Hands-on training on "Bonsai Technique"**  
Date: 24.01.2024

**ATTENDANCE SHEET**

Sr. No.	Name of student/Faculty	Class/ designation	Sign
51	Pooja Chandrabhat Dose	B.sc-I	<i>P.D.</i>
52	Arpita Anil Koli	B.sc-I	<i>A.K.</i>
53	Sakshi Sanjiv Koli	B.sc-I	<i>S.K.</i>
54	Snehal Sachin Kumbhar	B.sc-I	<i>S.K.</i>
55	Diksha Adinath Patil	B.sc-I	<i>D.P.</i>
56	Vedhashtree Sandeep Kamble	B.sc-I	<i>V.K.</i>
57	Pratik Rajendra Belekhar	B.sc-II	<i>P.B.</i>
58	Amranda Dasgonda Peti	B.sc-II	<i>A.P.</i>
59	Ritesh Rajendra Gavade	B.sc-II	<i>R.G.</i>
60	Pratik Sanjay Chougale	B.sc-II	<i>P.C.</i>
61	Vivekanand Kumbhar Chougale	B.sc-III	<i>V.C.</i>
62	Ganesh Sanjay Kamble	B.sc-II	<i>G.K.</i>
63	Saiward Kastik Kumar	B.sc-II	<i>S.K.</i>
64	Pratik Dhanaji Dhanawade	B.Sc II	<i>P.D.</i>
65	Akhil Saikat Jamale	B.sc-II	<i>A.J.</i>
66	Rohan J. Muty	B.sc-II	<i>R.M.</i>
67	Maaz Mas Patil	B.sc-III	<i>M.P.</i>
68	Tejas S. Desai	B.Sc II	<i>T.D.</i>
69	Swapnil Poju Jadhav	B.Sc II	<i>S.P.</i>
70	M.Kaif Mubarak Mulla	B.Sc-II	<i>M.M.</i>
71	Bhamesh R. Chougale	B.sc II	<i>B.C.</i>
72	Vivek V. Matkar	B.sc-II	<i>V.M.</i>
73	Harsh R. Phise	B.Sc-I	<i>H.P.</i>
74	Yash S. Shete	B.sc-II	<i>Y.S.</i>
75	Siddhant Kuge	B.Sc II	<i>S.K.</i>

Anekan Education Society's  
**JAYSINGPUR COLLEGE JAYSINGPUR**  
• Affiliated to Shivaji University Kolhapur  
• Jain Minority College  
• Reaccredited 'A' grade by NAAC  
• DST-FIST [Level-I] Sponsored

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**Hands-on training on "Bonsai Technique"**  
Date: 24.01.2024

**ATTENDANCE SHEET**

No.	Name of student/Faculty	Class/ designation	Sign
76	Tejas Tanaji Dewkar	B.sc II	<i>T.D.</i>
77	Shraddha Sanjay Jadhav	B.sc II	<i>S.J.</i>
78	Pavan Ashokrao Bhalekar	B.sc I	<i>P.B.</i>
79	Kamble Aniket S.	B.sc I	<i>A.S.</i>
80	Zarkar Abhishek Namdev	B.sc-I	<i>Z.N.</i>
81	Anuj Vilas Korekar	B.sc-I	<i>A.K.</i>
82	Alia M. Tamboli	B.Sc-III	<i>A.T.</i>
83	Sneha T. Kamble	—	<i>S.K.</i>
84	Vaishnavi V. Kadam	B.Sc III	<i>V.K.</i>
85	Priya Umeshankar Pandey	B.Sc III	<i>P.P.</i>
86	Pratiksha G. Kolhapure	B.Sc III	<i>P.K.</i>
87			
88			
89			
90	Total no. of participants = 86		
91	Male = 25		
92	Female = 61		
93			
94			
95			
96			
97			
98			
99			
100			

**Dr. Suraj D. Umdale**  
Assistant Professor,  
Department Of Botany  
Jaysingpur College, Jaysingpur

**List of Participants**



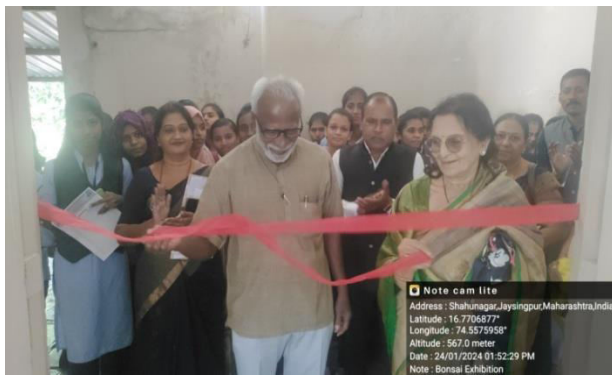


**Welcome and Felicitation of Resource Person, Mrs. Suniti Deshmukh by hon'ble Principal, Dr. S. A. Manjare**



**Glimpses of Hands-on training of Bonsai Technique by Mrs. Suniti Deshmukh; Mrs. Sushma Shewade; Mrs. Neha Kulkarni; and Mr. Laxman Mali**





**Inauguration of Bonsai Exhibition on the specious hands of Dr. Mahavir Akkole, Secretary, Local Committee, Jaysingpur College Jaysingpur**



**Bonsai Exhibition Visitor Students and teachers**



जयसिंगपूर कॉलेज, जयसिंगपूर

Anekant Education Society's

## JAYSINGPUR COLLEGE JAYSINGPUR

• Affiliated to Shivaji University Kolhapur • Jain Minority College  
• Reaccredited 'A' grade by NAAC • DST-FIST [Level-1] Sponsored

Diamond Jubilee Year

# 60

60th Anniversary

**CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24**

**DEPARTMENT OF BOTANY**  
**Internal Quality Assurance Cell (IQAC)**  
Under the aegis of  
**DBT-Star College Scheme**

# CERTIFICATE

*This is to certify*

*That, Mr./Mrs./Smt. \_\_\_\_\_ B.Sc. I / II / III*

*of Jaysingpur College Jaysingpur has actively participated in "Hands-on training on Bonsai Technique and Bonsai Exhibition" organized by Department of Botany on Wednesday 24<sup>th</sup> January, 2024.*



**Dr. S. D. Umdale**  
Program Coordinator  
Department of Botany



**Dr. S. R. Sabale**  
Coordinator  
DBT-Star College Scheme



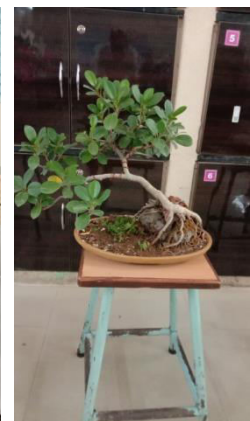
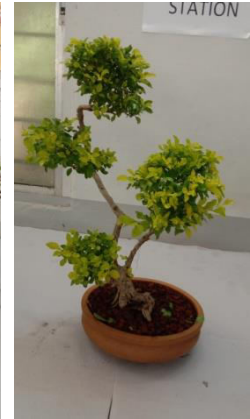
**Prof. Dr. (Mrs.) M. V. Kale**  
Head,  
Department of Botany



**Dr. S. A. Manjare**  
Principal,  
Jaysingpur College Jaysingpur

**Certificate of Training Program**





Various types of Bonsai in exhibition



**Participants Group Photo with Resource Persons**

Dr. S. D. Umdale  
**Program Coordinator**  
 DBT-Star College Scheme

Dr. S. R. Sabale  
**Coordinator**  
 DBT-Star College Scheme

Prof. Dr. (Mrs.) M. V. Kale  
**Head**  
 Department of Botany

Dr. S. A. Manjare  
**Principal**  
 Jaysingpur College Jaysingpur





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**

Activity Report

Organised By: **Department of Botany**

Year:	<b>2023-24</b>
Name of the Activity:	<b>Botanical Excursion to Chiplun, Harne-Bander Dapoli</b>
Date:	21 <sup>st</sup> to 22 <sup>nd</sup> February, 2024
Venue:	<b>Chiplun, Harne-Bander Dapoli</b>
Financial Support	DBT-STAR COLLEGE SCHEME
Tour in-Charge:	Dr. Suraj D. Umdale
Organised for: College/class/ staff	B. Sc. II Botany Students
No. of Participants	49F + 31M =80 (06 Staff)
Nature: (e.g. Academic, cultural, sports etc)	Botanical Field Visit
Objectives of the Activity	The objective of study tour was to familiarize the students with the flora and ecology of the Konkan area of the Western Ghats of Maharashtra and also know the botanical gardens at Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli
Short Report (in English)	As per the curriculum of Shivaji University, Kolhapur for B. Sc. II Botany. The department of Botany organised the Botanical Excursion to Chiplun and Dapli. A total 80 students and 06 teachers were participated in this study tour. The present Botanical study tour increased the knowledge of students about nature, environment, lone and wealth of mind by receiving the ideas. This botanical excursion was fruitful for students
Outcome/Remark	Students have got the knowledge of plants present in Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli, Dapoli



Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
Department of Botany



CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24

# Botanical Excursion to Chiplun, Harne-Bander Dapoli (2023-24)





# REPORT OF

## Botanical Excursion to Chiplun, Harne-Bander and Dapoli

Date- 21<sup>st</sup> and 22<sup>nd</sup> February, 2024

As a part of B.Sc. II Botany syllabus, the department of Botany has organized botanical excursion to Chiplun and Dapoli on 21<sup>st</sup> and 22<sup>nd</sup> February, 2024. The major objective of study tour was to familiarize the students with the flora and ecology of the Konkan area of Western Ghats of Maharashtra and also know the Agricultural University botanical gardens. We started our journey from central bus stand of Jaysingpur at 6:15 am. *via* Jaysingpur- Hatkanaglae- Karad- Koyna- Chiplun-Harne Bander-Dapoli.

We visited the Department of Zoology, D.B.J. College, Chiplun. In college observed various stuffed mammals, birds and collection of various insects.



After Chiplun, we visited Harne Bandar which is 14 KM from Dapoli. We reached there at 4:00pm. The main attraction is fish market which is handled by local people. There we saw different types of fishes and other marine organisms. At the end of the day we stayed at the farmer's guest house of Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli.





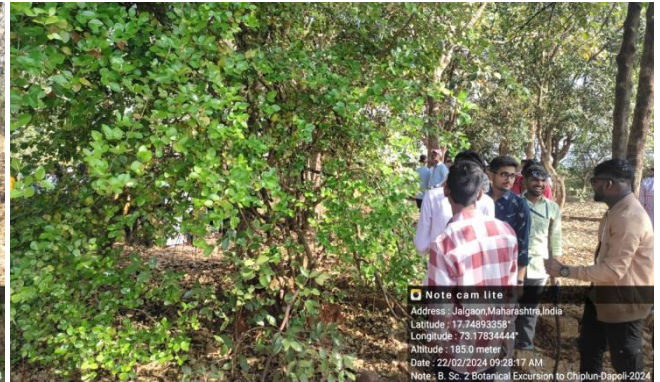
## Visit to Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth (BSKKV) DAPOLI

**Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth**, formerly **Konkan Krishi Vidyapeeth**, is agricultural university at Dapoli in Ratnagiri district of Maharashtra, India. It was established on 18 May 1972 as Konkan Krishi Vidyapeeth, and got its present name on 12 February 2001. Its research centre at Karjat has developed some patented varieties of rice. The University has developed 90 varieties of field, fruit, vegetables, tuber and spice crops. There includes 25 improved and 5 hybrids of rice, two each varieties of finger millet, groundnut, cowpea and dolichus bean and one variety each of horse gram, rice bean (fodder), pigeon pea, tomato, chilli, bitter gourd, snake gourd, long bean, drumstick, amaranthus, xanthosoma, coriander, undi and four tuber crop varieties one each of lesser yam, greater yam and two varieties of sweet potato. In fruit crops, the University has released seven mango varieties viz. Alphonso, Ratna, Sindhu, Kankan Ruchi, Suvarna, Konkan Raja and KonkanSamrat. In cashew eight varieties viz., Vengurla 1, 2, 3, 4, 5, 6, 7 and 8, two varieties of coconut, three varieties of nutmeg, and one each variety of areca nut, jack fruit, jamun, karvanda and lemon. Its major focus areas are rice, horticulture and fisheries.

In Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, we visited the **Medicinal and Aromatic Plant Nursery**, and **Charak Herbal Garden**, Where we recorded a variety of medicinal plants. Also we visited to Rubber plantation, horticulture, Pomoculture units.







**Visit to Charak Herbal Garden and Bamboo Workshop: BSKKV, Dapoli**





## Lakhibaug: Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli

Dr. Balasaheb Sawant Konkan Krishi Vidyapeeth, Dapoli introduced concept of “Lakhibaug” i.e. systematic plantation of spices crops in coconut orchard for maximizing returns per unit area (Rs. One lakh/acre). They told that per hectare input utilization and corresponding cost for maintaining *lakhibaug* directly varied with the total plant population in the orchard. The per hectare gross returns from *lakhibaug* were maximum (Rs. 363496/-) in cropping system Coconut + Arecanut + Black pepper + Nutmeg + Cinamon + Pineapple, while lowest gross return (Rs. 197577/-) were received in *lakhibaug* having cropping system Coconut + Arecanut + Black pepper. Among the different cropping systems (*lakhibaug*) Coconut + Arecanut + Black pepper + Nutmeg + Cinamon + Pineapple was the most profitable as indicated by highest additional cost to additional returns ratio.

The list of Angiosperms observed in Medicinal and Aromatic Plant Nursery, and Charak Herbal Garden-

<b>Sr. No.</b>	<b>Botanical Name</b>	<b>Family</b>
1	<u>Saraca asoca</u> (Roxb.) Willd.	Leguminosae
2	<u>Syzygium aromaticum</u> (L.) Merr. & L.M.Perry	Myrtaceae
3	<u>Hemidesmus indicus</u> (L.) R. Br. ex Schult.	Apocynaceae
4	<u>Rauwolfia serpentina</u> (L.) Benth. ex Kurz	Apocynaceae
5	<u>Ocimum tenuiflorum</u> L.	Lamiaceae
6	<u>Pandanus amaryllifolius</u> Roxb.	Pandanaceae
7	<u>Acorus calamus</u> L.	Acoraceae
8	<u>Bougainvillea spectabilis</u> Willd.	Nyctaginaceae
9	<u>Catharanthus roseus</u> (L.) G.Don	Apocynaceae
10	<u>Hibiscus rosa-sinensis</u> L.	Malvaceae
11	<u>Cymbopogon citratus</u> (DC.) Stapf	Poaceae
12	<u>Pterocarpus santalinus</u> L.f	Leguminosae
13	<u>Piper longum</u> L.	Piperaceae
14	<u>Ocimum americanum</u> L.	Lamiaceae
15	<u>Myristica fragrans</u> Houtt.	Myristicaceae
16	<u>Tagetes erecta</u> L.	Asteraceae
17	<u>Lawsonia inermis</u> L.	Lythraceae
18	<u>Cinnamomum tamala</u> (Buch.-Ham.) T.Nees & Eberm.	Lauraceae
19	<u>Withania somnifera</u> (L.) Dunal	Solanaceae
20	<u>Curcuma amada</u> Roxb.	Zingiberaceae
21	<u>Aegle marmelos</u> (L.) Corrêa	Rutaceae
22	<u>Tylophora indica</u> (Burm. f.) Merr.	Apocynaceae
23	<u>Mallotus philippensis</u> (Lam.) Müll.Arg.	Euphorbiaceae
24	<u>Garcinia indica</u> (Gaertn.) Desr.	Clusiaceae
25	<u>Cinnamomum camphora</u> (L.) J.Presl	Lauraceae
26	<u>Solanum americanum</u> Mill.	Solanaceae
27	<u>Coccinia grandis</u> (L.) Voigt	Cucurbitaceae
28	<u>Phoenix sylvestris</u> (L.) Roxb.	Arecaceae
29	<u>Madhuca longifolia</u> var. <u>latifolia</u> (Roxb.) A.Chev.	Sapotaceae



30	<u>Cocos nucifera</u> L.	Arecaceae
31	<u>Artocarpus heterophyllus</u> Lam.	Moraceae
32	<u>Ficus microcarpa</u> L.f.	Moraceae
33	<u>Areca catechu</u> L.	Arecaceae
34	<u>Citrus medica</u> L.	Rutaceae
35	<u>Phyllanthus niruri</u> L.	Phyllanthaceae
36	<u>Embelica officinalis</u>	Euphorbiaceae
37	<u>Barleria cristata</u> L.	Acanthaceae
38	<u>Senna alexandrina</u> Mill.	Leguminosae
39	<u>Mimosa pudica</u> L.	Leguminosae
40	<u>Bambusa bambos</u> (L.) Voss	Poaceae
41	<u>Gaillardia pulchella</u> Foug.	Asteraceae
42	<u>Acalypha indica</u> L.	Euphorbiaceae
47	<u>Achyranthes aspera</u> L.	Amaranthaceae
44	<u>Bauhinia purpurea</u> L.	Leguminosae
45	<u>Bixa orellana</u> L.	Bixaceae
46	<u>Myristica fragrans</u> Houtt.	Myristicaceae
47	<u>Ligustrum vulgare</u> L.	Oleaceae
48	<u>Bauhinia racemosa</u> Lam.	Leguminosae
49	<u>Stereospermum chelonoides</u> (L.f.) DC.	Bignoniaceae
50	<u>Acacia catechu</u> (L.f.) Willd.	Leguminosae
51	<u>Strychnos nux-vomica</u> L.	Loganiaceae
52	<u>Ziziphus jujuba</u> Mill.	Rhamnaceae
53	<u>Bombax ceiba</u> L.	Malvaceae
54	<u>Cissus quadrangularis</u> L.	Vitaceae
55	<u>Mimusops elengi</u> L.	Sapotaceae
56	<u>Mesua ferrea</u> L.	Calophyllaceae
57	<u>Putranjiva roxburghii</u> Wall	Putranjivaceae
58	<u>Vitex negundo</u> L.	Verbenaceae
59	<u>Callistemon lanciolatus</u> D. C.	Myrtaceae
60	<u>Ixora coccinea</u> L.	Rubiaceae
61	<u>Tectona grandis</u> L.	Verbenaceae
62	<u>Woodfordia floribunda</u> Salisb.	Lythraceae

After visit and collection of the plants of botanical interest, we left Dapoli at 2:00 pm. On the same day we reach our return destination (Jaysingpur) at about 11.00 pm. The Botanical study tour increased our knowledge about nature, environment, lone and wealth of mind by receiving the ideas. This botanical excursion was fruitful. We enjoyed this tour and also knew many plants in the nature.



Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme



Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme



Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

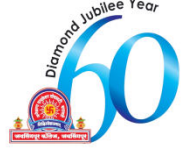


Dr. S. A. Maniure  
Principal  
Jaysingpur College Jaysingpur





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**  
Department of Botany



CELEBRATION OF DIAMOND JUBILEE YEAR 2023-24

# Botanical Excursion to Tilari, Netravali and Goa (2023-24)





Anekant Education Society's  
**JAYSINGPUR COLLEGE, JAYSINGPUR**

Activity Report

Organised By: **Department of Botany**

Year:	2023-24
Name of the Activity:	<b>Botanical Excursion to Tilari, Netravali and Goa</b>
Date:	15 <sup>th</sup> to 17 <sup>th</sup> February, 2024
Venue:	<b>Tilari, Netravali and Goa</b>
Financial Support	DBT-STAR COLLEGE SCHEME
Co-ordinator:	Dr. Suraj D. Umdale
Organised for: College/class/ staff	B. Sc. III Botany Students
No. of Participants	07F + 01M (03 Staff)
Nature: (e.g. Academic, cultural, sports etc)	Botanical Field Visit
Objectives of the Activity	The objective of study tour was to familiarize the students with the flora of the Konkan region-Tilari, Netravali of Western Ghats of Maharashtra and Goa.
Chief Guest/s or Resource Person/s	Nil
Short Report (in English)	<p>As per the curriculum of Shivaji University, Kolhapur for B. Sc. III Botany. The department of Botany arranged the Botanical Excursion <b>Tilari, Netravali and Goa</b>. A total 08 students and 03 teachers were participated in this study tour.</p> <p>The present Botanical study tour increased the knowledge of students about nature, environment, lone and wealth of mind by receiving the ideas. This botanical excursion was fruitful for students</p>
Outcome/Remark	Students have got the knowledge of Pteridophytes, Gymnosperms and Angiosperms flora





## **Botanical Study Tour to Tilari, Netravali and Goa**

**15<sup>th</sup> to 17<sup>th</sup> February, 2024**

As a part of B.Sc. III Botany syllabus, the department of Botany has organized botanical excursion to **Tilari, Netravali and Goa** on 15<sup>th</sup> to 17<sup>th</sup> February, 2024. A total 08 students and 03 teachers were participated in this botanical excursion. The purpose of this excursion is to introduce students to botanical collections, activities, and conservation. The excursion will help students to learn about different types of forests, plant species, and the ecological interactions between them. The objective of study tour was to familiarize the students with the diversity of Bryophytes, Gymnosperms, Pteridophytes and Angiosperms present at forest of Tilari, and Netravali region of Western Ghats region of India.

**Day 1: 15<sup>th</sup> February, 2024**

### **Tilari**

We had started our journey from central bus stand of Jaysingpur at 5:45 am toward the Tilarinagar. On 11:30am we reached at the Tilarinagar and started to explore the wild flora. Tilarinagar valley view point is a scenic spot located in the Maharashtra state. During long trek students have observed various Bryophytes, Gymnosperms, Pteridophytes and Angiosperms. The list of plant observed in the Tilari Ghat region:

<b>S. No.</b>	<b>Botanical Name</b>	<b>Family</b>
1	<i>Saraca asoca</i>	Leguminosae
2	<i>Entada rheedii</i>	Leguminosae
3	<i>Fissidens exilis</i>	Moss
4	<i>Microsorium pustulatum</i>	Fern
5	<i>Strobilanthes integrifolius</i> (Dalzell) Kuntze	Acanthaceae
6	<i>Gnetum ula</i> (Male Cone)	Gnetaceae
7	<i>Calamus thwaitesii</i>	Arecaceae
8	<i>Selaginella</i> sps.	Selaginellaceae

9	<i>Canscora diffusa</i> (Vahl) R. Br. ex Roem. & Schult.	Gentianaceae
10	<i>Lygodium flexuosum</i> (L.) Sw	Lygodiaceae
11	<i>Mucuna gigantea</i>	Leguminoceae
12	<i>Physcia caesia</i>	Lichen

At the end of the day we stayed at the dormitory of Bondla wildlife Sanctuary. The **Bondla Wildlife Sanctuary** is located in north-eastern Goa, India in Ponda taluka. The total area of the park is 8 km<sup>2</sup>. A wide variety of animal have observed wild animals like Sambar deer, Indian bison, Malabar giant squirrel, and Indian peafowl.





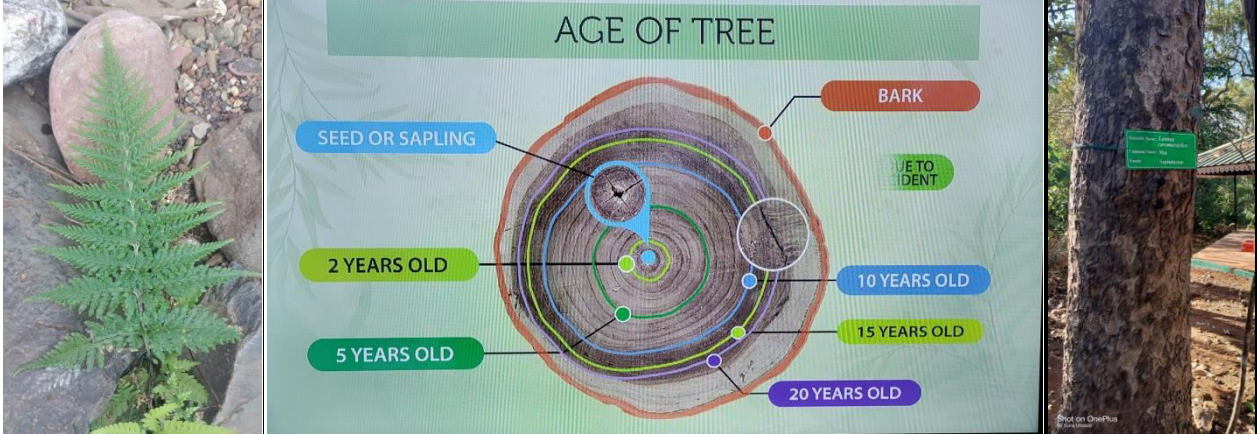
## Day 2: 16<sup>th</sup> February, 2024

### NETRAVALI WILDLIFE SANCTUARY

On the next day morning, we visited Netravali Wildlife Sanctuary, Goa. Netravali Wildlife Sanctuary is located in south Eastern Goa, India. It constitutes one of the vital corridors of the Western Ghats declared in the year 1999 covering an area of 211.05 sq. Kms. Netravali is an important tributary of river Zuari, which originates in the century. Forest mostly consists of most deciduous vegetation interested with evergreen and semi-evergreen habitat. It is adjacent to the Kali Tiger Reserve, Karnataka on Eastern side, Cotigao Wildlife Sanctuary, Goa on Southern side and Bhagwan Mahaveer Sanctuary and Mollem National Park on the Northern side which in turn forms a contagious protected area network along with Mhadei Wildlife Sanctuary, Goa and Bhimgard Wildlife Sanctuary, Karnataka. At Netravali, we have staired 4 km trekking to Mainapi waterfall at 10 am and observed various plants. The list of plants as given below:

S. No.	Botanical Name	Family
1	<i>Pothos scandens</i> L.	Araceae
2	<i>Polyporus ciliates</i> (Fungi)	Polyporaceae
3	<i>Calamus rotang</i> L. (Palm)	Arecaceae
4	<i>Alsophila tricolor</i> (Colenso) R.M.Tryon (Silver fern)	Cyatheaceae
5	<i>Artocarpus lakoocha</i> Roxb.	Moraceae
6	<i>Eugenia cuminiza</i> (L.) Druce.	Myrtaceae
7	<i>Bambusa arundaceae</i> (Retz.) Willd.	Poaceae
8	<i>Terminalia paniculata</i> Roth	Combretaceae
9	<i>Carallia brachiata</i> (Lour.) Merr.	Rhizophoraceae
10	<i>Terminalia tomentosa</i> Willd.	Combretaceae
11	<i>Morinda citrifolia</i> L.	Rubiaceae
12	<i>Mimusops elengi</i> L.	Sapotaceae
13	<i>Gmelina arborea</i> Roxb. ex Sm	Lamiaceae
14	<i>Bombax ceiba</i> L.	Malvaceae
15	<i>Syzygium jambolanum</i> (L.) Skeels	Myrtaceae
16	<i>Piper nigrum</i> L.	Piperaceae
17	<i>Justicia adhathoda</i> . L.	Acanthaceae
18	<i>Calamus rotang</i> L.	Arecaceae
19	<i>Aegle marmelos</i> (L.) Correa	Rutaceae
20	<i>Dalbergia latifolia</i> Roxb.	Fabaceae
21	<i>Careya arborea</i> Roxb.	Lecythidaceae
22	<i>Calophyllum inophyllum</i> L.	Calophyllaceae
23	<i>Bauhina racemosan</i> Lam.	Fabaceae
24	<i>Mangifera indica</i> L.	Anacardiaceae
25	<i>Ochrocarpus logifolius</i> Benth. & Hook. f.	Clusiaceae

26	<i>Garcinia indica</i> (Thouars) Choisy	Clusiaceae
27	<i>Bambusa arundinacea</i> (Retz.) Willd.	Poaceae
28	<i>Lagerstroemia speciosa</i> (L.) Pers.	Lythraceae
29	<i>Terminalia bellirica</i> (Gaertn.) roxb.	Combretaceae
30	<i>Persea macrantha</i> (Nees) Kosterm.	Lauraceae
31	<i>Carvota urens</i> L.	Arecaceae
32	<i>Terminalia paniculata</i> Roth	Combretaceae
33	<i>Artocarpus heterophyllus</i> Lam.	Moraceae
34	<i>Pterygota alata</i> (Roxb.) R. Br.	Sterculiaceae



Shot on OnePlus  
By Shrey Limbale



**Day 3: 17<sup>th</sup> February, 2024**

**Science Centre, Panaji, Goa**

On the Third day, 17<sup>th</sup> February, 2024 we visited Mangueshi Temple at old Goa. After that we visited Old church at Goa and Archaeological Survey of India, Goa. Then we visited Science Centre, Panaji Goa. The Goa Science Centre & Planetarium has been developed as a place of edu-tainment in Science & Technology. Main objective of the centre is to inculcate a scientific temper and bring the excitement of science to the common public. It provides a perfect environment for exploring science through hands-on, sci-fi exhibits. The exhibits in Science Centre are Interactive. We have seen different experiments like Mirror reflection, light reflection, light diffraction salt farming etc. In science centre students enjoyed 3D animation documentary on "Life under Water". After this visit students were visited Calangute beach at Goa.

After visit and collection of the plants of botanical interest, we left Goa at 6:30pm. On the same day we reach our return destination (Jaysingpur) at about 11:50pm. This botanical excursion was fruitful. We enjoyed this tour and also knew many plants in the nature.



Dr. S. D. Umdale  
Program Coordinator  
DBT-Star College Scheme

Dr. S. R. Sabale  
Coordinator  
DBT-Star College Scheme

Prof. Dr. (Mrs.) M. V. Kale  
Head  
Department of Botany

Dr. S. A. Manjare  
Principal  
Jaysingpur College Jaysingpur