



SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

**AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE**

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. – SINDHUDURG 416 512 ( M. S.)

EMAIL – [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. – 02363 256755

ESTD. – 2012

COLLEGE CODE – 166

## Criteria 2

# Teaching Learning and Evaluation

## Key Indicator – 2.3. Teaching- Learning Process





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## Criterion II

### Teaching Learning and Evaluation

#### Key Indicator 2.3.1

Student centric methods, such as experimental learning, participative learning and Problem solving methodologies are used for enhancing learning experience and teachers use ICT -enabled tools for effective teaching and learning process.

#### Student Centric Methods: -

Sr. No.	Teaching – Learning Methods
1	Experimental Learning
2	Participative Learning
3	Problem Solving Methodologies
4	ICT – Enabled Tools





**Criterion II**

**Teaching Learning and Evaluation**

**Key Indicator 2.3.1**

Student centric methods, such as experimental learning, participative learning and Problem solving methodologies are used for enhancing learning experience and teachers use ICT -enabled tools for effective teaching and learning process.

**Student Centric Methods: -**

**1. Experimental Learning**

Sr. No.	Particulars
1	Demonstrations of Laboratory Exercise
2	Participation in all competition
3	Industrial Visit
4	Field Visit / Study tour
5	Excursion / Monsoon Trip
6	Guest lecture
7	Avishkar competition
8	Science Day
9	Models and charts





## 1. Demonstration and Laboratory Exercise

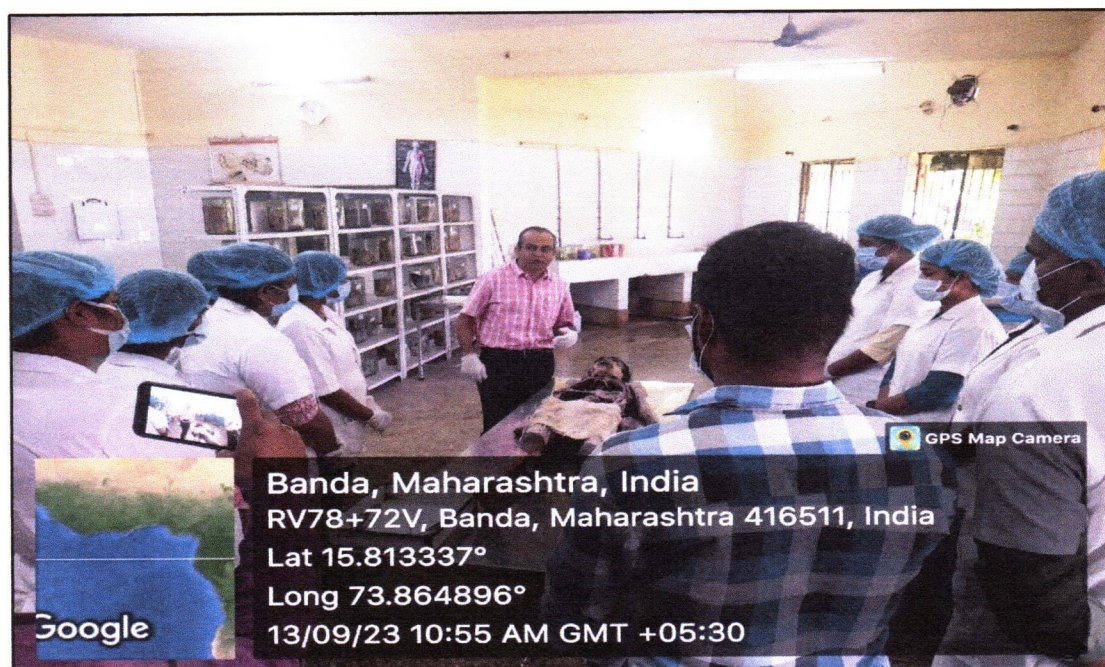


**T. Y. B.Sc. chemistry students perform their practicals in the Laboratory**

**Department of Zoology**







**Human Anatomy demonstration At Sawantwadi Medical College T. Y. B. Sc.**



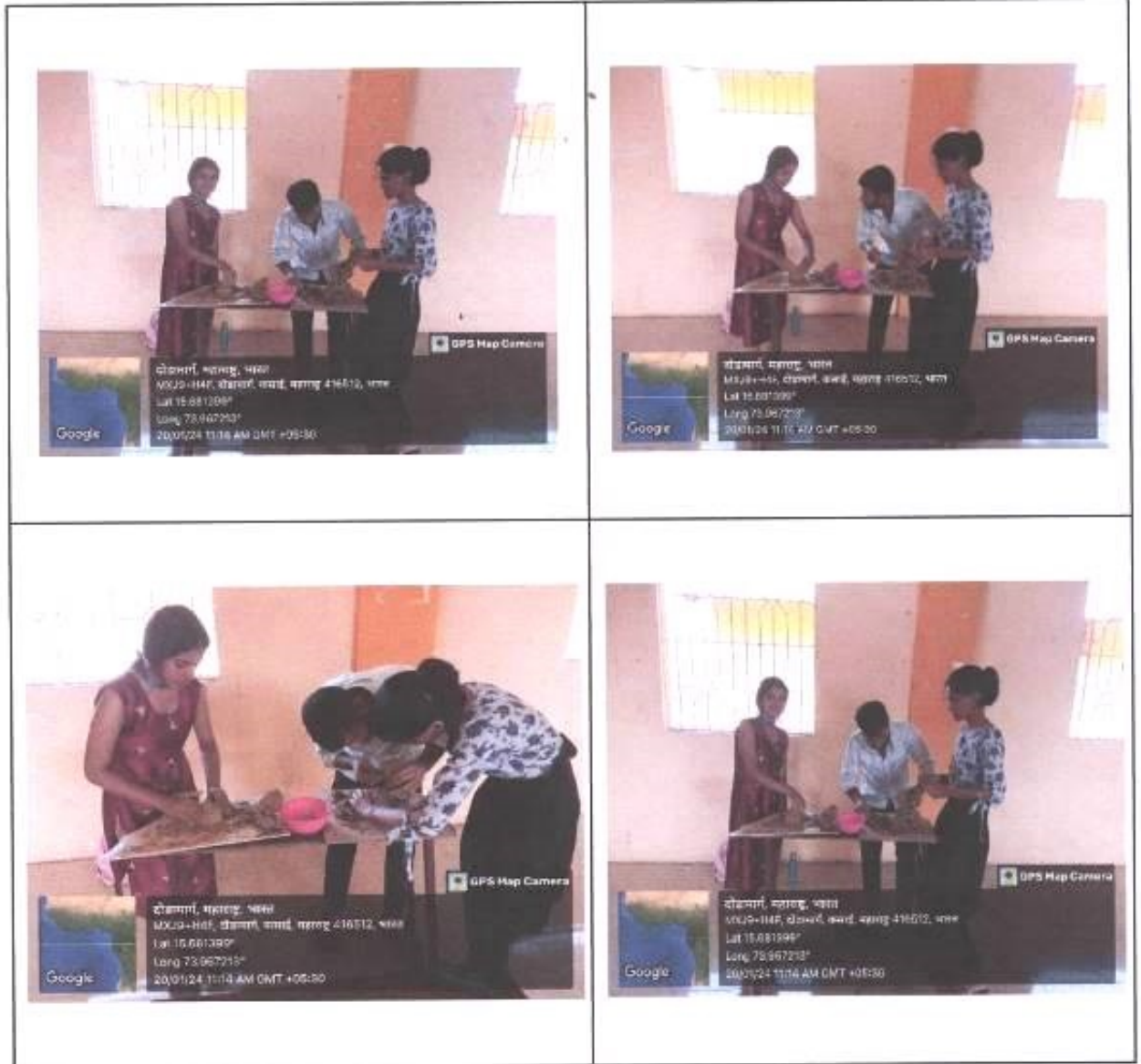
*Deepakbhai Kesarkar*  
 Principal  
 Amdar, Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



## Participation in all competition

**CLAY MODELLING 2023-2024**

DATE-20/01/2024



*(Signature)*  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## SOFT SKILL PROGRAMME

RANGOLI 2023-2024

DATE – 25/01/2024



*Principal*  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



  
 Principal  
 Amdar, Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

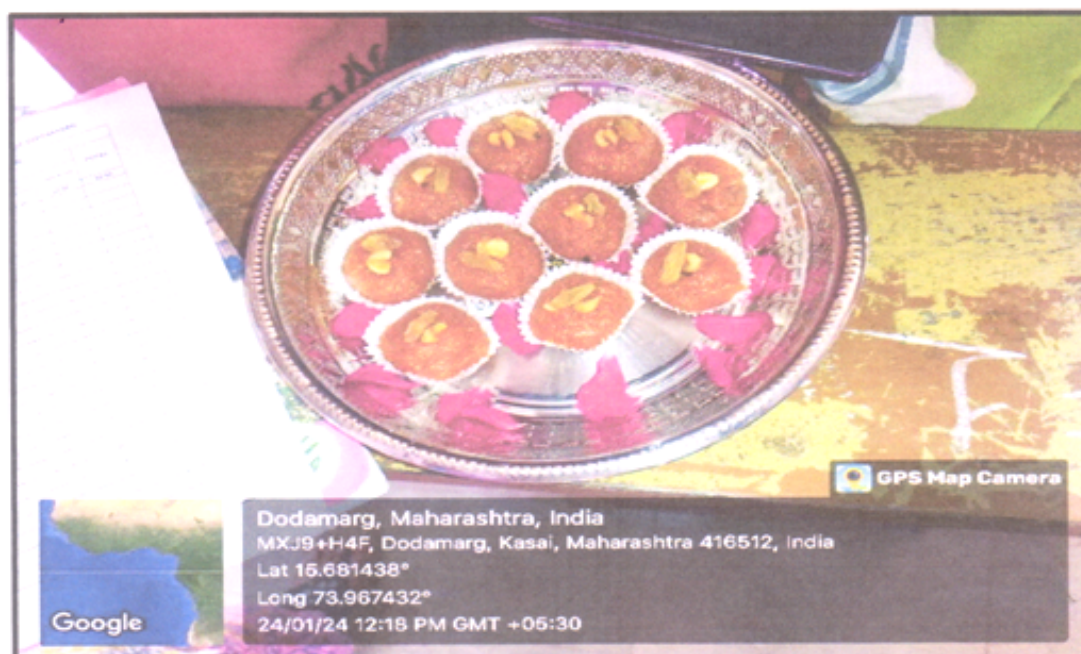


MEHANDI 2023-2024

DATE- 25/01/2024



  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg









*[Signature]*  
EXTENSION WORK TEACHER  
D.L.L.E.

Amdar Deepakbhai Kesarkar Science College,  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



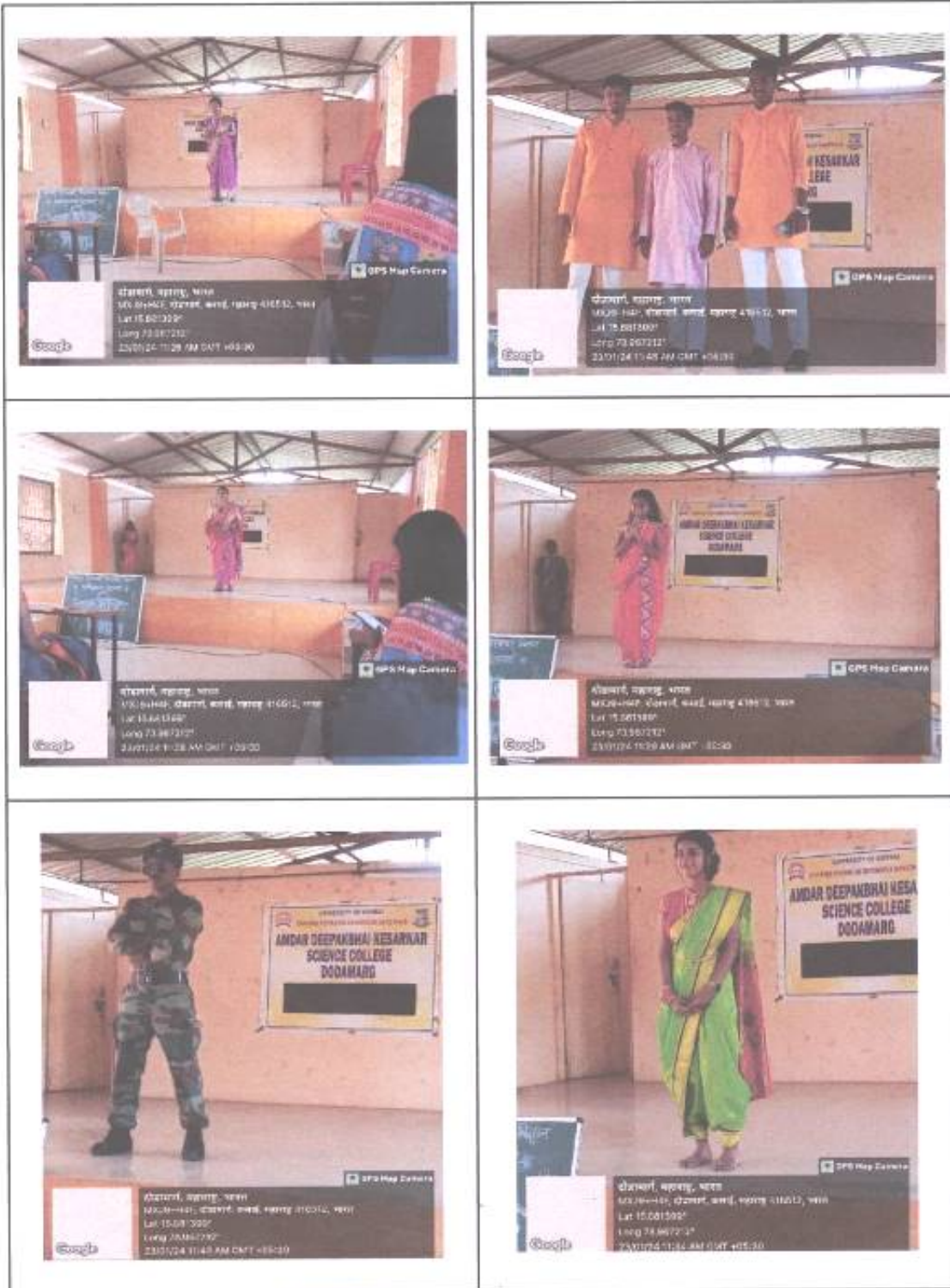
*[Signature]*  
Principal

Amdar Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## DRAMA ACTING 2023-2024

DATE-23/01/2024



*Principal*  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

## FACE PAINTING 2019-2020



## RANGOLI 2019-2020



*Principal*  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



2019-2020

CLAY



  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug

# POSTER 2019-2020



*Principal*  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



**Amdar Deepakbhai Kesarkar Science College**  
**Dodamarg**  
**Department of Chemistry**

**INDUSTRIAL VISIT REPORT**

Date-02/12/2022

On 02<sup>nd</sup> of December 2022, 17 students of Third Year B.Sc. Chemistry along with 5 faculty members of Amdar Deepakbhai Kesarkar Science College Dodamarg visited Sadekar Enviro Engineers Pvt.Ltd. B-306/307, Plot No.61, Patel Estate, Reis Magos, Verem, Alto, Old Betim Road, Bardez, Porvorim, Panjim-goia Near football ground, Food ball Ground Porvorim Goa - 403101. We left our college at 10:00 am and reached Sadekar Enviro Engineers Pvt. Ltd. by 11:30 am. We travelled in a comfortable bus with 17 students and five teachers.

Firstly, they had taken to us in conference room. A brief introduction about industry was given by Mrs. Varsha Chopdekar, Technical Manager. The first department that we visited was Microbial section where we got to know how culturing, examination and identification of microorganisms like bacteria, fungi, yeasts, etc are doing. Then we had taken to instrumentation section where we shown different types of instruments which were used in water testing like UV spectrophotometer, COD measuring instrument, Gas chromatography, incubator, inductive coupled plasma, conductometry, Bomb calorimeter. Brief information of all these instruments was given by Technical Manager Mrs. Varsha Chopdekar. Meanwhile we got to know about why the sampling of tested water stored in storage section and what different kinds of analysis techniques they were using.





After that all were taken again to conference room and given us snacks. After that the Senior Scientific Officer Mr. Anand Chavan was felicitated. Lastly, we ended the visit by clicking a group photograph at 1.30 PM and we moved out of the plant.





## Outcomes

- Industrial visits provide the students with an opportunity to learn practically through interaction, working methods and employment practices.
- It gives the students an exposure to current work practices as opposed to theoretical knowledge being taught at their college classrooms.
- Industrial visits grant the students a great opportunity to interact with industries and know more about industrial environment.
- Industrial visits are arranged by colleges for their respective students with an objective of providing them an opportunity to explore the different industry sectors like pharmaceutical, manufacturing, services, finance.
- Industrial visit helps students to combine their theoretical knowledge of business operations with the practical knowledge of its actual functioning.
- Industrial realities are opened to the students through industrial visits.

  
Head  
Department of Chemistry  
D.K.Sc. College Dodamarg



  
Principal  
Amdar, Deepakbhai Kesarkar Science College,  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

**Amdar Deepakbhai Kesarkar Science College, Dodamarg**

**Department of Chemistry**

**Activity Report**

Name of Activity	Industrial Visit
Date	20 <sup>th</sup> December 2023
Organized By	Department of Chemistry
Activity For	S.Y.B.Sc. Students
Number of Participants	25
Objectives of Activity	<ul style="list-style-type: none"><li>-Provide an exposure to students about practical working environment.</li><li>-Opportunity to interact with big businesses</li><li>- To appreciate industry best practices in chemical safety, handling, and disposal, and to understand the importance of adherence to chemical regulations and standards in environmental protection.</li></ul>
Outcomes	<ul style="list-style-type: none"><li>-Students appreciated the interactive nature of the visit, which allowed for active participation and learning.</li><li>-Students expressed gratitude for the valuable insights gained during the visit, especially regarding the practical applications of chemistry in environmental pollution prevention and control</li></ul>



  
Coordinator



  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug



## **4. Field Visit / Study tour**

### **One Page Report on Field Visit**

**Date:** 16/09/2019

**Venue:** Vanoshi Forest Home Stay and Royal Butterfly Garden, Kudase

**Participants:** FY, SY, TY Zoology Students of Amdar Deepakbhai Kesarkar Science College, Dodamarg

**Accompanied by:** HOD of Zoology and Botany Department, 4 Teaching Staff, 2 Non-Teaching Staff

#### **Introduction:**

The field visit to Vanoshi Forest Home Stay and Royal Butterfly Garden was organized for the FY, SY, and TY Zoology students of Amdar Deepakbhai Kesarkar Science College, Dodamarg. A group of 30 enthusiastic students, along with the Head of the Zoology and Botany Department, four teaching staff, and two non-teaching staff members, embarked on this educational and enriching journey to explore the biodiversity of plants and animals in the lush landscapes of Vanoshi.

#### **Vanoshi Forest Home Stay:**

Upon reaching Vanoshi, the students were welcomed by the tranquil surroundings of the forest home stay. The primary focus of this segment of the field visit was to understand and appreciate the diversity of plant and animal life in the natural habitat. Guided by knowledgeable local experts, the students engaged in a nature trail, where they observed and documented various plant species and the unique adaptations of the resident fauna. The photography session allowed students to capture the beauty of the forest and its inhabitants, fostering a deeper connection with nature.

#### **Royal Butterfly Garden, Kudase:**

The visit to the Royal Butterfly Garden in Kudase provided an immersive experience in the world of butterflies. The garden, adorned with vibrant flowers and butterfly-attracting plants, served as a captivating setting for the students to witness different types of butterflies in their natural environment. The expert guides provided insights into the life cycle of butterflies, showcasing caterpillars and chrysalises at various stages of development. This hands-on experience allowed students to correlate theoretical knowledge with real-life observations.





### Educational Insights:

The field visit served as an excellent platform for students to apply theoretical concepts learned in the classroom to real-world scenarios. Observing the intricate relationships between plants and animals in their natural habitats provided valuable insights into ecological dynamics. The students actively participated in discussions with the teaching staff, enhancing their understanding of the importance of biodiversity conservation and sustainable practices.

**Conclusion:** The field visit to Vanoshi Forest Home Stay and Royal Butterfly Garden was a resounding success, fostering a sense of appreciation and responsibility for the natural world among the students. It not only complemented the academic curriculum but also ignited a passion for environmental conservation. The college expresses gratitude to the organizers, local experts, and staff members who contributed to making this educational excursion a memorable and enriching experience for the students.



*Deepakshi Kankar*  
Principal

Andar, Deepakshi Kankar Science College,  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



## Field visit

The field visit conducted at Amdar Deepakbhai Kesarkar Science College was an initiative in the realm of botanical education. The 'Open Class Method' was employed, encouraging interactive learning and fostering a deeper understanding of botany beyond traditional classroom settings.

### Key Topics Covered:

**Plant Classification:** Students were introduced to various classification systems and learned how to differentiate between different plant families and genera. The real-life examples provided by the flora present at the college campus enriched this learning experience.

**Ecological Interactions:** Observations of plant-animal interactions, mutualistic relationships, and the role of plants in the local ecosystem highlighted the importance of botany in understanding broader ecological systems.

**Plant Anatomy and Morphology:** Using specimens from the college garden, students delved into the intricate structures of plants, understanding the adaptations and evolutionary significance of various morphological features.

### Benefits of Method:

**Interactive Discussions:** The open environment facilitated vibrant discussions, allowing students to share observations, ask questions, and collaborate on assignments.

**Hands-on Learning:** Students had the opportunity to collect plant specimens, conduct simple experiments, and engage in practical exercises, reinforcing theoretical knowledge.

**Guidance:** Faculty members provided expert insights, ensuring that students received accurate information and could correlate their observations with academic concepts.

### Conclusion:

The field visit employing the Open Class Method at Amdar Deepakbhai Kesarkar Science College was a resounding success. It not only enriched students' understanding of botany but also fostered a sense of curiosity and appreciation for the natural world. Such experiential learning initiatives are pivotal in bridging the gap between theoretical knowledge and its practical application, ensuring holistic development of budding botanists.







*(Signature)*  
Principal

Amdar, Deepakbhai Kesarkar Science College  
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# Department of Zoology

## Study Tour

### One page report on Study Tour

One-Day Winter Trip to Tarkarli and Devbag: Exploring the Biodiversity of Malvan Jetty Fish Landing Center

Date: 07/01/2023

**Introduction:** The Department of Zoology at Aamdar Deepakbhai Kesarkar Science College embarked on an exciting one-day monsoon trip to Tarkarli, Devbag, and the Malvan Jetty Fish Landing Center in the picturesque Sindhudurg district. The trip included 19 students, the Head of the Department, and other teaching and non-teaching staff from the college. The primary objective of the trip was to explore the rich biodiversity of the region, both in terms of animals and plants, and to enhance our understanding of marine life.

**Journey to Tarkarli:** We began our journey early in the morning, filled with enthusiasm and curiosity. The lush greenery and serene landscapes of the Sindhudurg district provided the perfect backdrop for our adventure. As we reached Tarkarli, we were greeted by the pristine beaches, and the sound of the waves crashing against the shore.

**Exploring Devbag:** Our first stop was Devbag, known for its stunning beaches and backwaters. Here, we had the opportunity to experience the beauty of the Arabian Sea up close. We enjoyed a thrilling boating session, which allowed us to witness the mesmerizing aquatic life beneath the clear waters. The boat ride also gave us a chance to observe the rich plant diversity along the coastline. Our cameras were busy capturing the scenic views and the unique flora and fauna of this coastal ecosystem.

**Malvan Jetty Fish Landing Center:** A highlight of our trip was our visit to the Malvan Jetty Fish Landing Center. It provided us with a deeper insight into the livelihoods of the local fishing community and the diverse marine life that sustains them. We were able to observe various species of fish, crabs, and other marine creatures being brought in by local fishermen. Our department's experts guided us in identifying and studying these marine organisms.

**Dhamapur Dam and Surrounding Diversity:** On our way back, we made a stop at the Dhamapur Dam, which is surrounded by lush green forests and hills. This serene location offered us a contrasting view of the region's biodiversity, with an emphasis on terrestrial ecosystems. We explored the diverse plant species, and our knowledgeable faculty helped us understand their ecological significance.

**Conclusion:** The one-day monsoon trip to Tarkarli, Devbag, the Malvan Jetty Fish Landing Center, and Dhamapur Dam was an enriching experience for the students and staff of the Department of Zoology at Aamdar Deepakbhai Kesarkar Science College. It provided us with a unique opportunity to witness and learn about the abundant biodiversity that thrives in this part of Sindhudurg district. The trip not only broadened our understanding of marine and terrestrial ecosystems but also reinforced the importance of conservation efforts in preserving these natural wonders. We returned with valuable memories, a deeper appreciation for the natural world, and a commitment to further our studies and research in the field of zoology.







  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



## 5. Excursion / Monsoon Trip

### Department Of Zoology

#### Excursion Report

#### One page Report on Excursion

Place: Vijaydurg, Kunkeshwar, Achara, Sindhudurg

Date: 05/01/2019

**Participants:** There are a total of 40 students from Amdar Deepakbhai Kesarkar Science College, Dodamarg, accompanied by the HODs of Zoology and Botany, 4 teachers, and 2 non-teaching staff members.

**Introduction:** The one-day excursion organized by Amdar Deepakbhai Kesarkar Science College was a delightful blend of education and recreation. The group explored three captivating locations in Sindhudurg district – Vijaydurg, Kunkeshwar, and Achara.

**Vijaydurg - Exploring History and Biodiversity:** The day commenced with a visit to the historic Vijaydurg Fort. The students, guided by local historians, delved into the rich historical background of the fort. They explored its intricate architecture, heard tales of its significance, and marveled at the panoramic views of the Arabian Sea. Special emphasis was placed on observing the plant and animal diversity within the fort premises. Students actively engaged in identifying various species and capturing their findings through photographs.

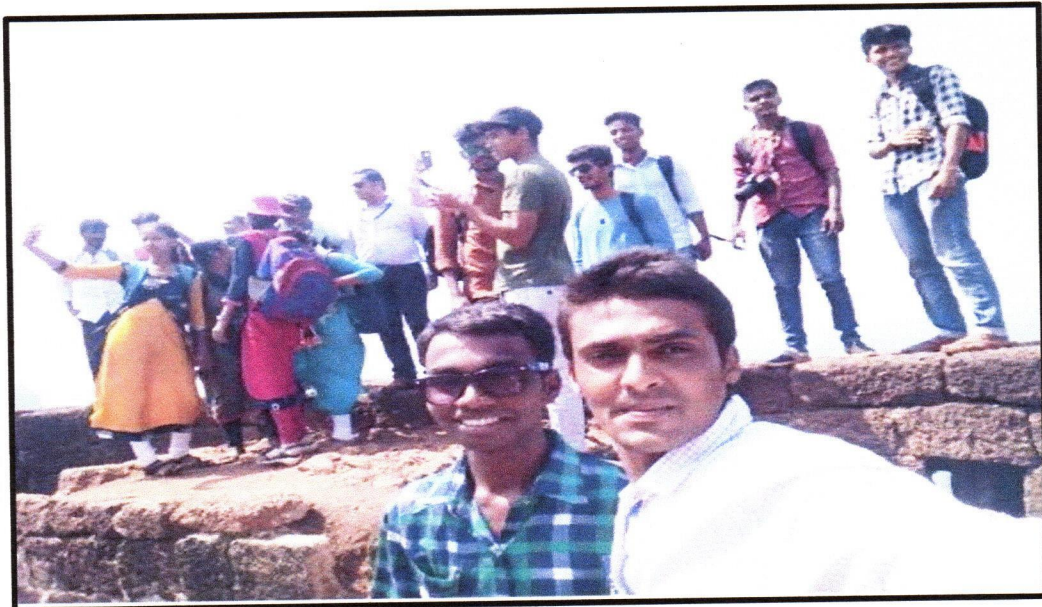
**Kunkeshwar - Spirituality and Marine Exploration:** The second leg of the excursion took the group to the serene Kunkeshwar. The highlight was the visit to the Lord Kunkeshwara Temple located near the beach. Students experienced the spiritual ambiance and learned about the cultural significance of the temple. Following this, attention shifted to the coastline, where marine studies came to the forefront. Students observed small marine invertebrates and documented their findings. The picturesque surroundings provided a perfect backdrop for capturing memorable photographs.

**Achara- Sunset at the Scenic Beach:** The final destination of the day was Achara Beach near Malvan. The group reached in time to witness a breathtaking sunset. The scenic beauty, combined with the rhythmic sound of the waves, created a tranquil atmosphere. Students and faculty members enjoyed the beauty of the landscape and shared their observations. This marked a perfect conclusion to the excursion.

**Conclusion:** The one-day excursion was a perfect blend of academic enrichment and recreational enjoyment. Students not only gained insights into historical and ecological aspects but also developed a sense of camaraderie with their peers. The dedicated efforts of the faculty ensured a well-organized and educational trip. The learnings from this excursion will undoubtedly contribute to the holistic development of the students from Amdar Deepakbhai Kesarkar Science College, Dodamarg.







*Principal*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



# Exploring Biodiversity: A One-Day Excursion to Dodamarg

Date: 17/08/2019

## Introduction:

On 17/08/2019, the Department of Zoology organized an enriching one-day excursion to Dodamarg, a biodiverse region in close proximity to our college. The expedition aimed to provide 44 students, along with the Head of the Zoology Department (HOD) and other teaching staff, an opportunity to witness and document the rich animal and plant diversity, while also observing the transformative effects of the monsoon on the natural landscape.

## Itinerary:

The day began with an early morning departure from the college premises, fostering a sense of anticipation and enthusiasm among the participants. The itinerary included visits to various locations within Dodamarg known for their unique flora and fauna.

## Animal Diversity:

The participants were fortunate to observe a myriad of wildlife species, ranging from vibrant butterflies to elusive reptiles. The HOD and teaching staff shared their expertise, providing valuable insights into the ecological roles of these creatures. Notable sightings included indigenous bird species, small mammals, and even some rare reptiles. The excursion provided an invaluable opportunity for students to connect theoretical knowledge with real-world observations.

## Plant Diversity:

Dodamarg's lush greenery served as the perfect backdrop for an exploration of plant diversity. Students engaged in hands-on activities such as identifying various plant species, understanding their ecological significance, and learning about their role in maintaining biodiversity. The HOD and teaching staff guided the participants in recognizing the importance of preserving such ecosystems for future generations.

## Photography Session:

To capture the essence of the excursion, a dedicated photography session was organized. Students, under the guidance of the teaching staff, honed their skills in capturing the intricate details of both flora and fauna. The resulting photographs will serve as not only cherished memories but also valuable educational resources for future classes.

## Monsoon Changes:

The excursion coincided with the monsoon season, allowing the participants to witness firsthand the transformative effects of rain on the landscape. Streams swelled, creating temporary water bodies that attracted diverse aquatic life. The HOD elucidated on the ecological significance of these seasonal changes, emphasizing the interconnectedness of various environmental factors.



  
Principal

Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



### Conclusion:

The one-day excursion to Dodamarg provided a holistic learning experience for the 30 students, the HOD, and the teaching staff of the Zoology Department. It served as a reminder of the importance of experiential learning in fostering a deeper understanding and appreciation for the intricacies of our natural world. The photographs taken during the excursion will be compiled into a documentation for educational purposes, further enriching the department's resources. This excursion was not just a journey into Dodamarg's biodiversity; it was a journey into the heart of ecological awareness and appreciation.



*Deepakbhai Kesarkar*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## **Exploring Biodiversity: A One-Day Excursion to Dodamarg**

Date: 07/08/2022

### **Introduction:**

On 06/08/2022, the Department of Zoology organized an enriching one-day excursion to Dodamarg, a biodiverse region in close proximity to our college. The expedition aimed to provide 10 students, along with the Head of the Zoology Department (HOD) and other teaching staff, an opportunity to witness and document the rich animal and plant diversity, while also observing the transformative effects of the monsoon on the natural landscape.

### **Itinerary:**

The day began with an early morning departure from the college premises, fostering a sense of anticipation and enthusiasm among the participants. The itinerary included visits to various locations within Dodamarg known for their unique flora and fauna.

### **Animal Diversity:**

The participants were fortunate to observe a myriad of wildlife species, ranging from vibrant butterflies to elusive reptiles. The HOD and teaching staff shared their expertise, providing valuable insights into the ecological roles of these creatures. Notable sightings included indigenous bird species, small mammals, and even some rare reptiles. The excursion provided an invaluable opportunity for students to connect theoretical knowledge with real-world observations.

**Plant Diversity:** Dodamarg's lush greenery served as the perfect backdrop for an exploration of plant diversity. Students engaged in hands-on activities such as identifying various plant species, understanding their ecological significance, and learning about their role in maintaining biodiversity. The HOD and teaching staff guided the participants in recognizing the importance of preserving such ecosystems for future generations.

**Photography Session:** To capture the essence of the excursion, a dedicated photography session was organized. Students, under the guidance of the teaching staff, honed their skills in capturing the intricate details of both flora and fauna. The resulting photographs will serve as not only cherished memories but also valuable educational resources for future classes.

**Monsoon Changes:** The excursion coincided with the monsoon season, allowing the participants to witness firsthand the transformative effects of rain on the landscape. Streams swelled, creating temporary water bodies that attracted diverse aquatic life. The HOD elucidated on the ecological significance of these seasonal changes, emphasizing the interconnectedness of various environmental factors.

**Conclusion:** The one-day excursion to Dodamarg provided a holistic learning experience for the 10 students, the HOD, and the teaching staff of the Zoology Department. It served as a reminder of the importance of experiential learning in fostering a deeper understanding and appreciation for the intricacies of our natural world. The photographs taken during the excursion will be compiled into a documentation for educational purposes, further enriching the department's resources. This excursion was not just a journey into Dodamarg's biodiversity; it was a journey into the heart of ecological awareness and appreciation.





  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



# Botany

## Excursion

### Botanical Excursion Report

A botanical excursion yearly organized by the Botany Department of Amdar Deepakbhai Kesarkar Science College, Dodamarg, was conducted as a practical approach to complement the theoretical teachings of the subject. This hands-on experience provided students with an opportunity to connect with nature, understand plant diversity, and observe ecological interactions.

**Objective:** The primary objective of the excursion was to expose students to a diverse range of plant species, their habitats, ecological roles, and their importance in the ecosystem. This practical exposure aimed to enhance students' understanding, observation skills, and appreciation for plant biology.

#### Locations:

**Local Forest Area:** Students explored the native flora of Dodamarg, observing various trees, shrubs, and herbaceous plants in their natural habitat.

**Botanical Garden:** The college's botanical garden served as a repository of diverse plant species, offering students a structured environment to study plant morphology, taxonomy, and ecology.

**Aquatic area:** A visit to the nearby riverbank allowed students to study aquatic plants, wetland species, and understand the significance of riparian ecosystems.

#### Activities Conducted:

**Plant Identification:** Students were given identification keys and guides to recognize and classify different plant species they encountered.

**Ecological Observations:** Discussions were held on plant adaptations, ecological roles, and interactions within the ecosystem.

**Collection:** Students collected plant samples for further study.

**Outcomes:** The botanical excursion proved to be a valuable teaching method, fostering a deeper understanding of botany among students. It bridged the gap between theory and practical knowledge, enabling students to:

Recognize and classify plant species based on their morphological characteristics.

Understand the ecological significance of different plant communities.

Appreciate the intricate relationships between plants and their environment.

**Conclusion:** The botanical excursion yearly organized by Amdar Deepakbhai Kesarkar Science College, Dodamarg, was a resounding success, enriching students' botanical knowledge and fostering a deeper connection with nature. Such experiential learning



opportunities are instrumental in nurturing holistic development and fostering a passion for botany among students.

This report encapsulates the essence of the excursion and its significance in enhancing the learning experience of students pursuing botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg.



  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug





# Department of Zoology

## Monsoon Trip

### One-Day Monsoon Trip at Tilari Nagar - Tilari Ghat, Western Ghats

**Date:** [19/08/2023]

**Location:** Tilari Nagar - Tilari Ghat, Western Ghats

**Participants:** 17 students from the Department of Zoology at Aamdar Deepakbhai Kesarkar Science College, along with the Head of Department and other teaching and non-teaching staff.

**Introduction:** The one-day monsoon trip to Tilari Nagar - Tilari Ghat in the Western Ghats organized by the Department of Zoology at Aamdar Deepakbhai Kesarkar Science College was an educational and enriching experience. The primary focus of this trip was to observe and study the diverse flora and fauna of this region.

#### Activities and Highlights:

1. **Flora and Fauna Observation:** The day began with an early morning nature walk through the dense rainforest of Tilari Ghat. Students and faculty members had the opportunity to observe and document the various plant and animal species present in their natural habitat. The lush greenery and vibrant biodiversity of the Western Ghats were truly mesmerizing.
2. **Photography and Identification:** The participants were encouraged to capture photographs of the wildlife and plant species they encountered. These photographs were later used for species identification and documentation. The trip allowed students to develop their skills in wildlife photography and research.
3. **Interactive Sessions:** Throughout the day, there were interactive sessions conducted by faculty members, offering insights into the behavior and ecology of the species encountered. These sessions enhanced the participants' understanding of the Western Ghats' unique ecosystems.
4. **Swapanawel Waterfall:** One of the trip's highlights was the visit to the stunning Swapanawel Waterfall in Tilari Nagar. The participants enjoyed the breathtaking scenery and had the opportunity to cool off in the refreshing waters of the waterfall.
5. **Group Discussions and Knowledge Sharing:** The trip fostered an atmosphere of learning and knowledge sharing. Group discussions were held at various locations to share observations and insights. These discussions proved invaluable in broadening the participants' understanding of the region's biodiversity.

**Conclusions:** The one-day monsoon trip to Tilari Nagar - Tilari Ghat provided a unique opportunity for students and staff to connect with nature and gain practical knowledge in the field of zoology. The Western Ghats, known for its rich biodiversity, did not disappoint, as participants had the privilege of witnessing various species of animals and plants in their natural habitat.





This trip not only facilitated academic learning but also instilled a sense of environmental conservation and a deep appreciation for the beauty of the Western Ghats. The experience at Swapanawel Waterfall added an element of fun and relaxation to the educational journey.

The event was a resounding success, and the Department of Zoology at Aamdar Deepakbhai Kesarkar Science College looks forward to organizing more such excursions in the future to promote ecological awareness and research in this ecologically significant region.



*Principal*  
Principal

Aamdar Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## 7. Avishkar Competition

### 1) Avishkar Competition at Vaibhavwadi College 2022-23

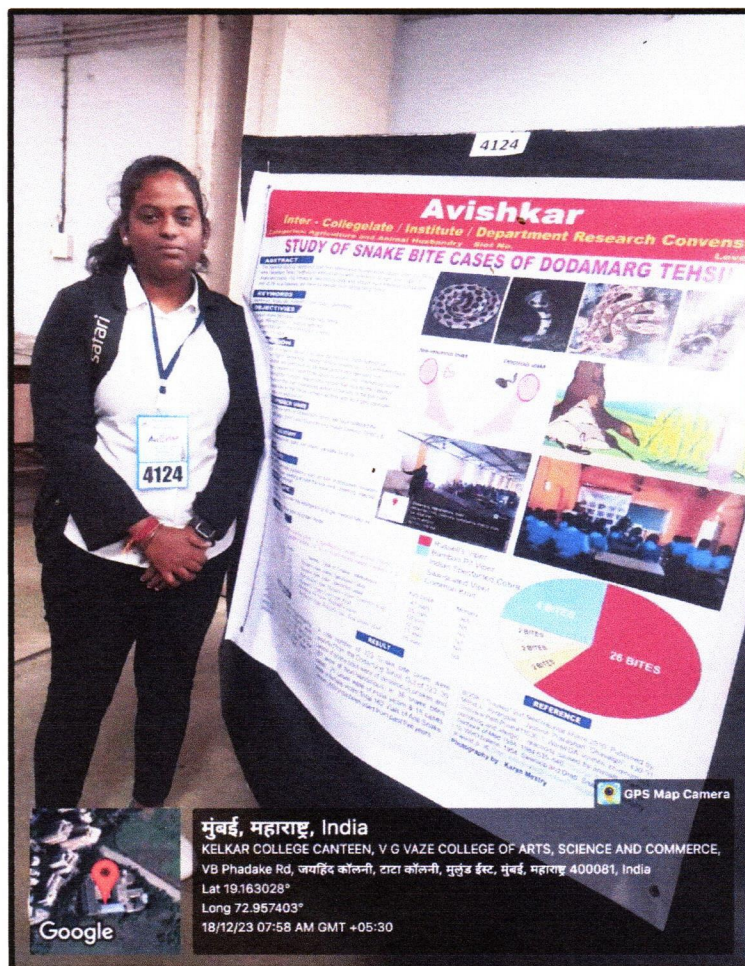


*[Signature]*  
Principal

Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## 2) Avishkar Competition at Mumbai 2023-24



*Principal*  
Principal

Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. – SINDHUDURG 416 512 ( M. S.)

EMAIL – [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. – 02363 256755

ESTD. – 2012

COLLEGE CODE – 166

### Report On Science Day Program

Science Day, celebrated on various dates globally, emphasizes the importance of science in our lives. It encourages public understanding of scientific achievements and their impact on society. Encourage interest in scientific exploration and discovery among people of all ages. It helps in highlighting the role of science in driving technological innovation and economic growth.

On 28 February 2023, Amdar Deepakbhai Kesarkar Science College celebrated Science Day with enthusiasm and a commitment to promoting scientific knowledge and innovation. The event aimed to inspire curiosity and appreciation for science among attendees of all ages.



Dodamarg, Maharashtra, India  
MXJ8+JW8, Dodamarg, Maharashtra 416512, India  
Lat 15.681499°  
Long 73.967254°  
28/02/23 10:19 AM GMT +05:30

We had experiment demonstration session, which aimed to showcase fundamental scientific principles through engaging, hands-on





activities, fostering curiosity and understanding among participants. The session began with an introduction to the importance of experimental learning in science education, emphasizing the role of observation, hypothesis testing, and data analysis.

We had performed various experiments like Titration experiment, Participants were shown how to perform titration using a standard solution and an unknown concentration solution, observing colour changes and calculating the endpoint.

Distillation Experiment, attendees were shown how to do distillation of a mixture of liquids was demonstrated, explaining vaporization, condensation, and the collection of distilled liquid.

We had explained about commonly used apparatus, Chemistry lab apparatus are indispensable tools that facilitate precise measurements, controlled reactions, and safe handling of chemicals in laboratory settings. Understanding their functions and uses is crucial for conducting experiments effectively and safely. Familiarity with this apparatus enhances proficiency in experimental techniques.



The event attracted participants from schools, including Madhyamik Vidyalay Matane who engaged in various activities and experiments throughout the day. Students actively participated in demonstrations, hands-on experiments, and discussions, enriching their





understanding of scientific concepts which greatly enhanced the science day program.

Attendees appreciated the interactive nature of the experiments and hands-on activities. Many expressed enthusiasms about the engaging demonstrations and the opportunity to conduct experiments themselves.

The Science Day program successfully achieved its goal of fostering scientific curiosity and engagement among students. The chemistry experiments and hands-on activities were well-received, and the participation from various schools added to the event's success. Future events can benefit from incorporating more diverse activities and addressing feedback to enhance the overall experience.

  
Head  
Department of Chemistry  
D.K.Sc. College Dodamarg



  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

AMDAR DEEPAKBHAI KESRKAR SCIENCE COLLEGE

DODAMARG

DEPARTMENT OF CHEMISTRY

**Report on Science Day**

Date - 28/02/2024

“The Science of today is the  
Technology of Tomorrow”

National Science Day is celebrated in India on 28<sup>th</sup> February each year to mark the discovery of the Raman Effect by Indian Physicist, Sir Chandrasekhar Venkata Raman on 28<sup>th</sup> February 1928, was awarded the Noble prize in physics in 1930. The discovery well known as RAMAN EFFECT.

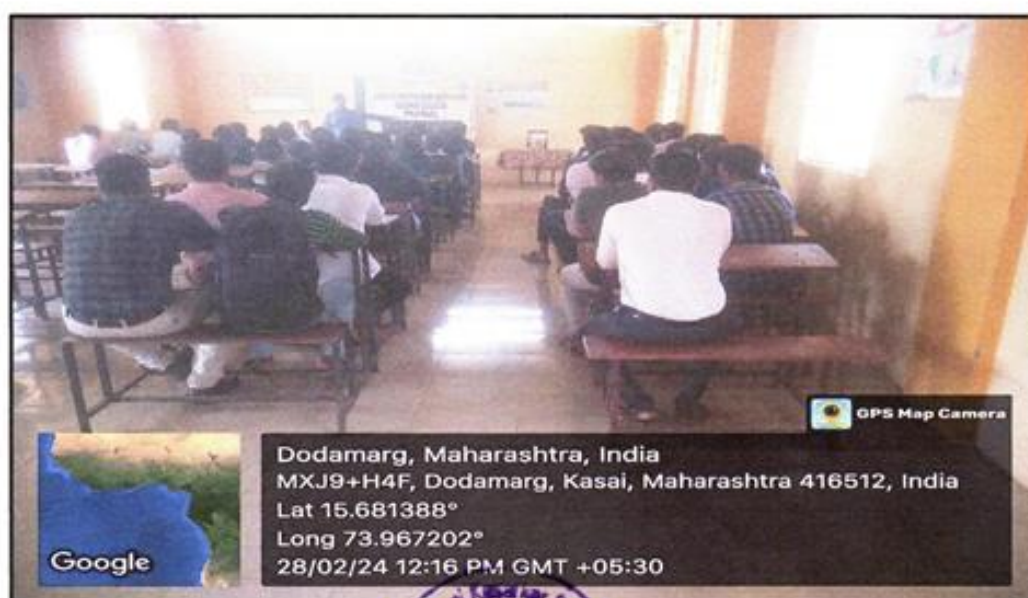






National Science Day is being celebrated every year to widely spread a message about the importance of science, used in the daily life of people, to display all the activities, efforts & achievements in the field of science for human welfare. It is the main science function of India. To discuss all the issues & implement new technologies for the development in the field of science. To give an opportunity to the scientific minded citizens in the country. To encourage the people as well as popularize science & technology.

The theme of year 2024 is “**Indigenous Technologies for Viksit Bharat**”.





Our college celebrated science day on 28<sup>th</sup> February on Wednesday. All the teaching & non-teaching staff & about 97 students present during this program. Our college Principal inaugurate the program. Then he spoke upon the science, technology & the importance of science in our day-to-day life.

Student delivered speeches on science day. Even teaching staff given their valuable note on the positive as well as negative part of science as well as technology also said that Science itself is wisdom, Knowledge.



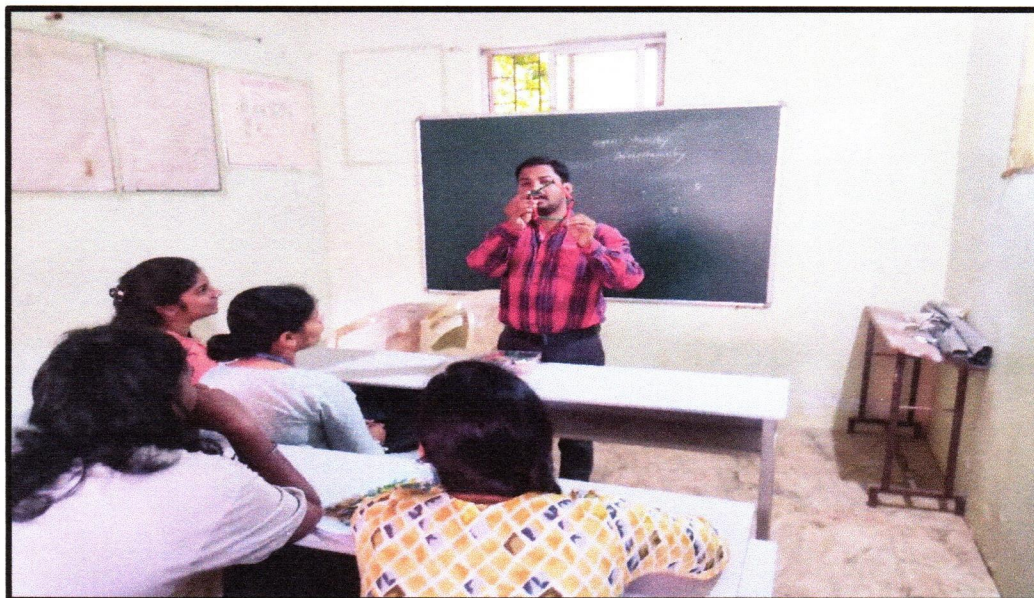
Finally, Principal concluded the program by thanking all the students & teachers. The program ended with great joy.



*Principal*  
Arundar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## 9. Model And Charts



*Deepakbhai Kesarkar*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



# Botany

## Charts

### *Report on the Use of Charts in Teaching Botany*

In the normal educational landscape, innovative teaching methodologies are continually sought after to enrich the learning experience. One such method is the incorporation of charts as a pedagogical tool. This report examines the utilization and impact of charts in the teaching of Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg.

#### **Objective:**

To evaluate the effectiveness and relevance of charts in elucidating complex botanical topics as prescribed in the college's syllabus.

#### **Methodology:**

**Integration in Teaching:** Charts were integrated into lectures, discussions, and practical sessions as supplementary teaching tools. Visual aids, including diagrams, illustrations, and flowcharts, were crafted to represent the chosen topics.

#### **Key Findings:**

**Enhanced Comprehension:** Charts provided a tangible representation of abstract botanical concepts, simplifying intricate details for students.

**Facilitated Discussions:** The presence of charts encouraged students to engage in discussions, refer to specific visual elements, and actively participate in learning.

**Visual Memorability:** The visual nature of charts aided in improving memory retention, enabling students to recall and apply learned concepts effectively.

#### **Benefits Observed:**

**Visual Clarity:** Charts offered a clear and concise depiction of topics, bridging the gap between theoretical knowledge and practical application.

**Interactive Learning:** The interactive nature of charts fostered a dynamic learning environment, promoting peer interaction and collaborative learning.

**Efficiency in Teaching:** Charts served as efficient tools for conveying information, enabling instructors to address multiple concepts cohesively.

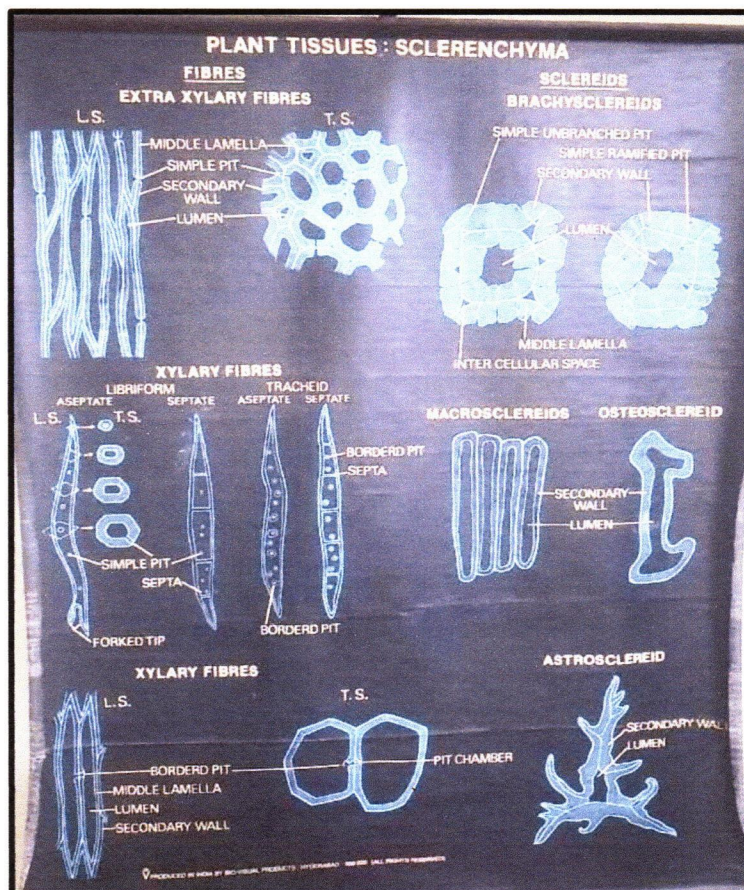
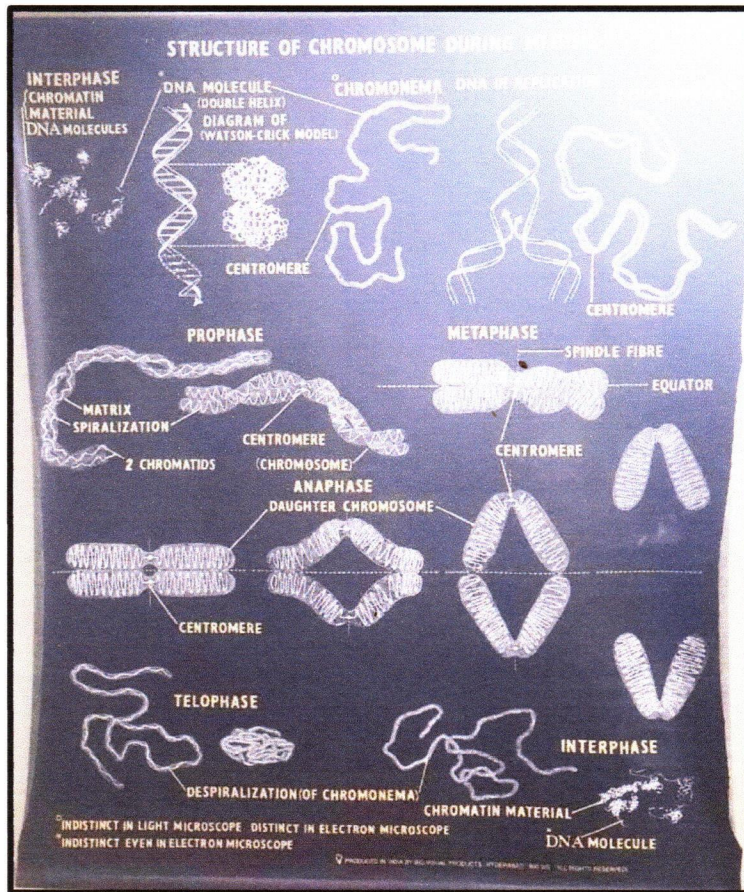
**Student Interest:** Encouraging students to create their charts can further enhance understanding and foster creativity in botanical learning.

#### **Conclusion:**

The incorporation of charts as a teaching method in Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg, has showcased promising results in enhancing student comprehension, engagement, and retention. Continued exploration and refinement of such pedagogical tools are essential for advancing educational outcomes and fostering a deeper appreciation for the botanical science.







*Principal*  
**Principal**

Amdar, Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

**Criterion II**

**Teaching Learning and Evaluation**

**Key Indicator 2.3.1**

Student centric methods, such as experimental learning, participative learning and Problem solving methodologies are used for enhancing learning experience and teachers use ICT - enabled tools for effective teaching and learning process.

**Student Centric Methods: -**

**2. Participative Learning**

Sr. No.	Particulars
1	Group Discussion
2	Seminar
3	Workshop / Seminar
4	Celebration of days
5	Swachha Bharat Abhiyan
6	Blood Donation Camp
7	Debates
8	Institutional Social Responsibilities
9	Exhibitions
10	AIDS Awareness Programme
11	Chemistry Week





# 1) Group Discussion

## Report on the Use of group Discussion Method in Teaching Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg

### Introduction

The discussion method is a widely recognized pedagogical approach that fosters active learning and critical thinking among students. It encourages students to engage deeply with the subject matter, articulate their thoughts, and learn from their peers. This report assesses the implementation and effectiveness of the discussion method in teaching Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg.

### Methodology

The study involved observing and evaluating the use of the discussion method in several Botany classes over a semester. Data was collected through classroom observations, interviews with faculty members, and feedback from students.

### Implementation of Discussion Method

**Classroom Dynamics:** The discussions were structured to encourage participation from all students. The faculty facilitated the sessions by posing open-ended questions, presenting case studies, or assigning readings beforehand. This approach ensured that students came prepared and actively contributed to the discussions.

**Group Discussions:** Small group discussions were a common practice, allowing students to collaborate, debate ideas, and arrive at conclusions collectively. This not only enhanced their understanding of Botany concepts but also improved their teamwork and communication skills.

**Role of Faculty:** Faculty members played a crucial role as moderators and facilitators. They guided discussions, clarified doubts, and provided additional insights when necessary. Their expertise helped steer conversations towards relevant learning outcomes.

### Benefits of the Discussion Method

**Active Engagement:** Students were more engaged during discussions compared to traditional lectures. They took ownership of their learning and actively participated in knowledge construction.

**Critical Thinking:** The method encouraged students to think critically, analyze information, and evaluate different perspectives. It promoted a deeper understanding of Botany principles beyond memorization.

**Communication Skills:** Students improved their verbal communication skills through regular participation in discussions. They learned to articulate their thoughts clearly and respectfully interact with peers.



## **Challenges and Limitations**

**Time Constraints:** Conducting effective discussions within limited class time was a challenge. Balancing coverage of syllabus content with in-depth discussions required careful planning by faculty.

**Uneven Participation:** Some students were more vocal than others, leading to uneven participation. Faculty employed strategies like random calling or group assignments to mitigate this issue.

## **Student Feedback**

Feedback from students indicated a positive reception towards the discussion method. They appreciated the interactive nature of classes and felt it enhanced their learning experience in Botany.

## **Conclusion**

The discussion method has proven to be a valuable tool in teaching Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg. It promotes active learning, critical thinking, and communication skills among students. While challenges exist, such as time constraints and uneven participation, the benefits outweigh these concerns. Continued implementation of the discussion method, supported by faculty training and student engagement, will further enhance the quality of education in Botany at the college.

## **Recommendations**

Based on the findings,

Provide ongoing professional development opportunities for faculty on effective facilitation of discussions.

- Incorporate technology-enhanced tools for virtual discussions and asynchronous learning.
- Encourage students to reflect on their learning experiences through structured feedback mechanisms.

This report concludes that the discussion method that contributes significantly to the learning outcomes in Botany education at the college.







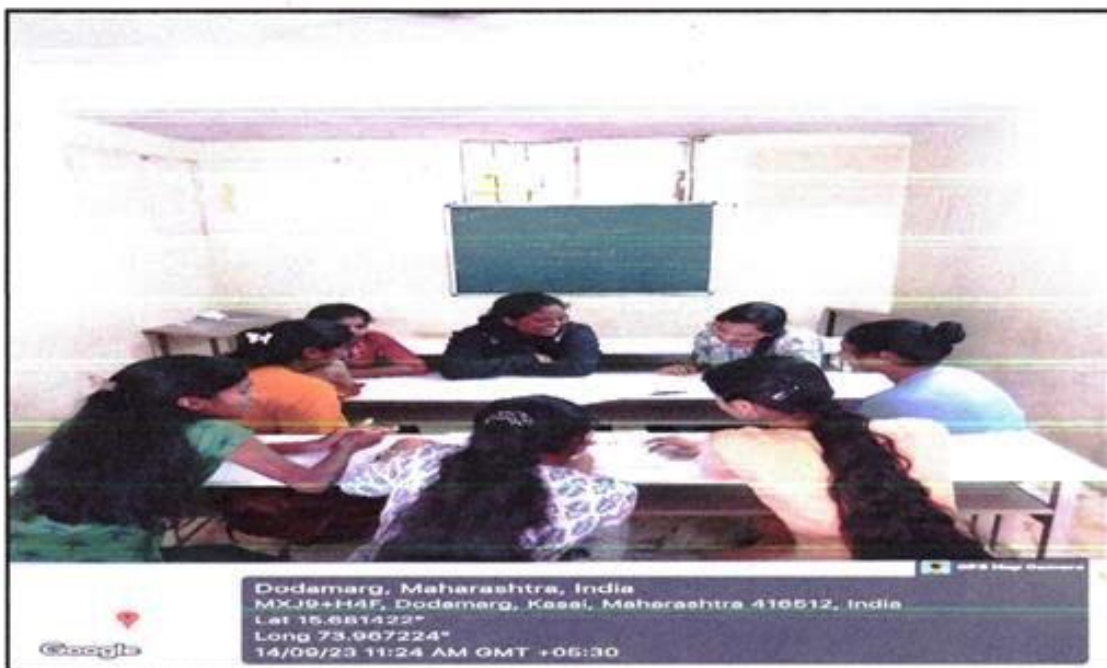


*Principal*  
Principal

Amdar, Deepakbhai Kesarkar Science College  
Dadamar, Tal. Dadamar, Dist. Sindhudurg



## Department of zoology



*Deepakbhai Kesarkar*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

## Group Discussion on Nucleic Acid

### Department of Zoology





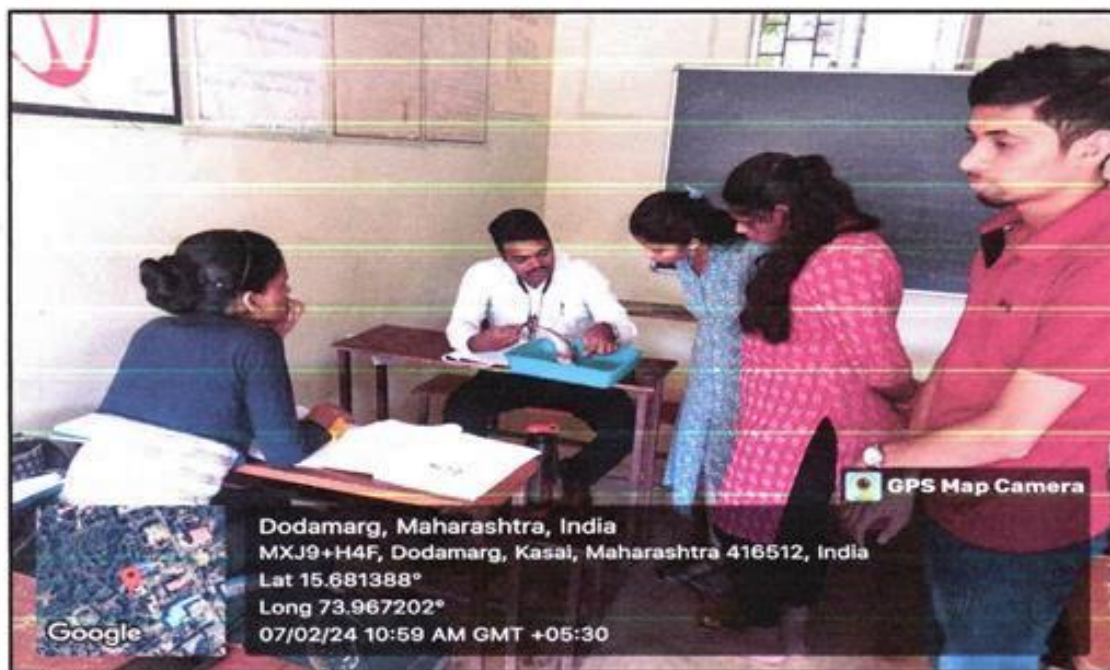
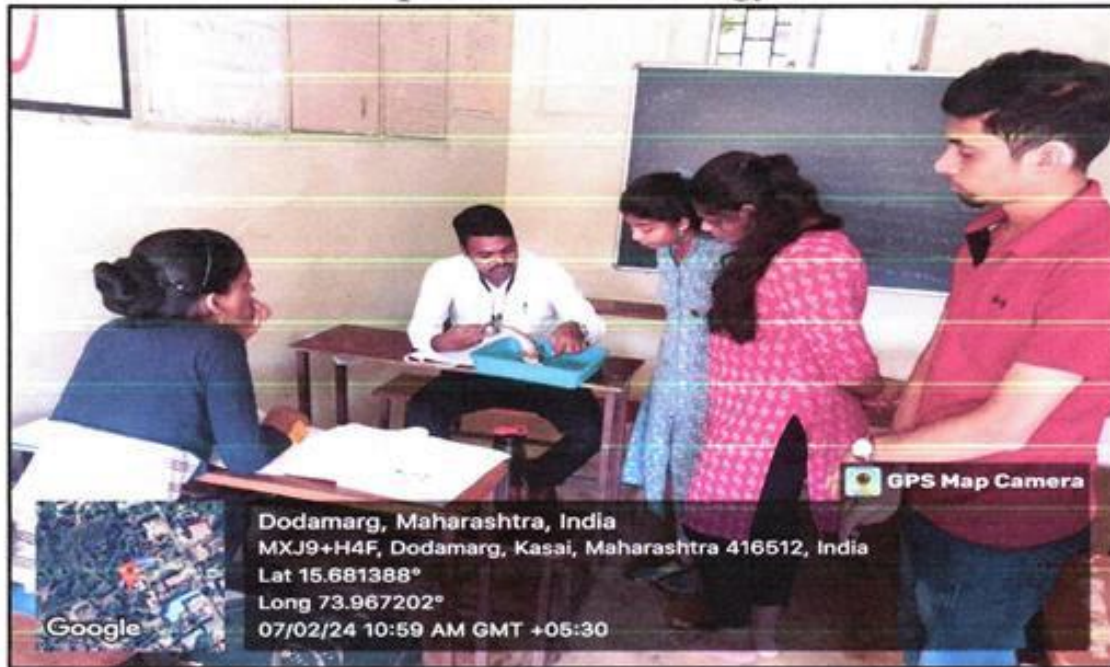


**Group discussion on Chordates T. Y. B. Sc. Students 2023-24**



*Amdar Deshpande*  
Principal  
Amdar Deshpande Kesarikar Science College  
Dodamerg, Tal. Dodamerg, Dist. Sindhudurg

## Department Of Zoology



Group Discussion on Digestive System of Shark T. Y. B. Sc. 2023 - 24



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## Department of Chemistry

### Group Discussion

**Date – 10/02/2024**

The primary goal of this group discussion was to explore crystal field splitting in complexes, with a focus on understanding diverse perspectives in splitting of d orbital in tetrahedral, octahedral and square planer complexes, and comparative study of CFT.

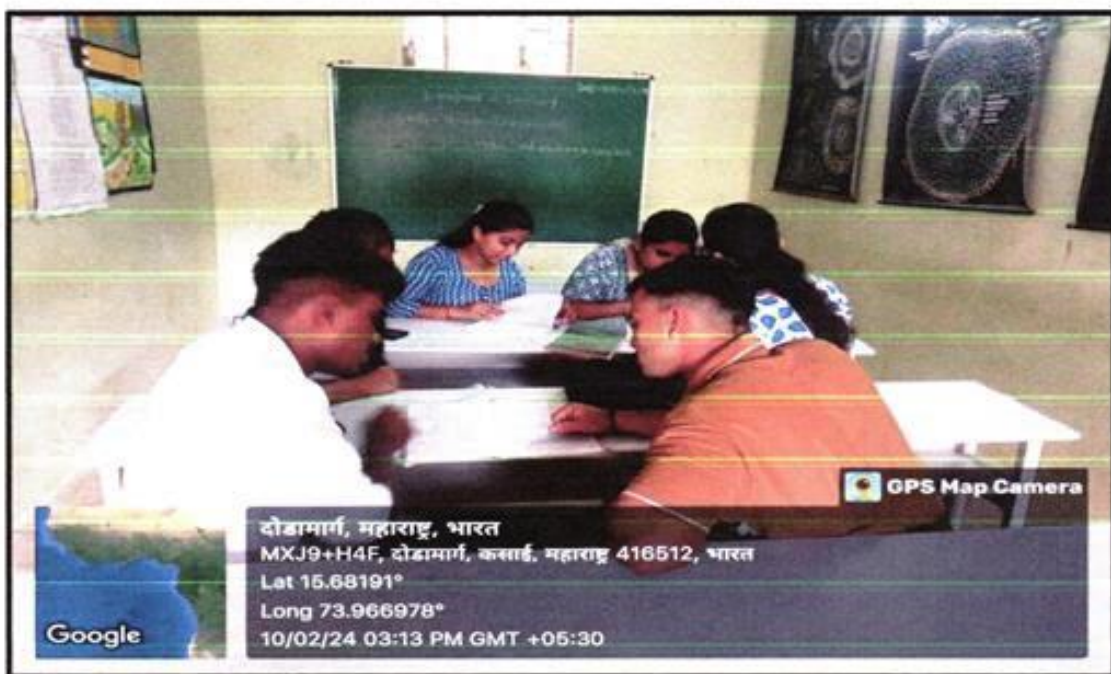
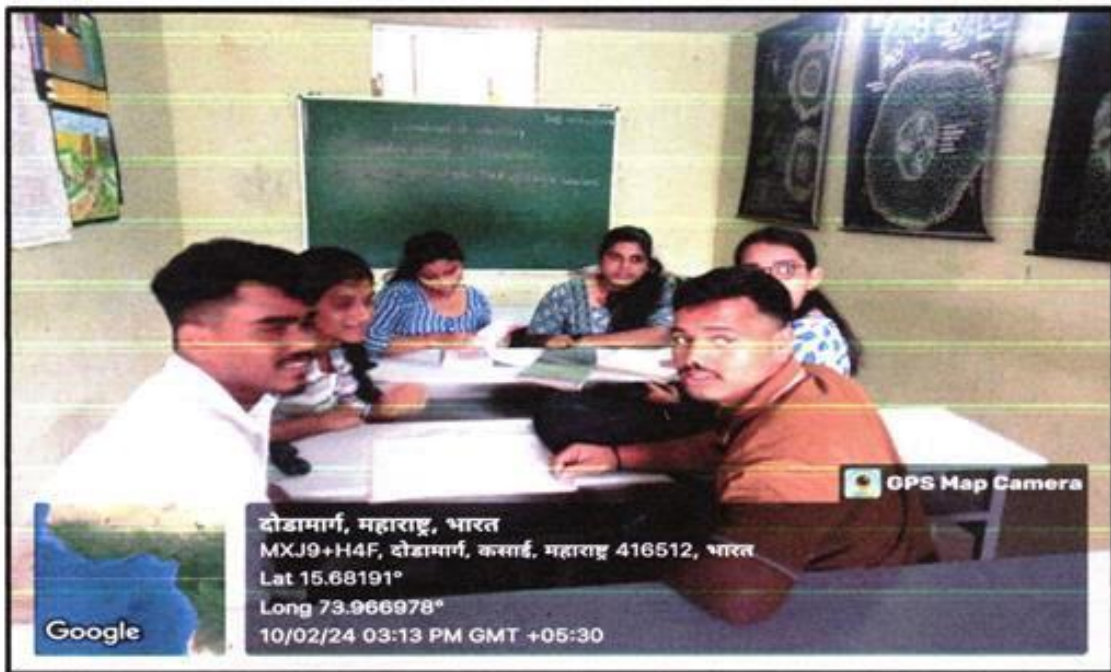
The discussion began with a brief introduction of the topic, outlining the objectives and setting the basic rules for effective communication and participation. Each participant was encouraged to express their views openly and respectfully. The discussion featured robust debate, particularly around splitting of d orbital, which enriched the conversation and led to a deeper understanding of the issue.

**1. Key Points Discussed:**

- [Point 1]: Splitting of d orbital in Octahedral complexes
- [Point 2]: Splitting of d orbital in Tetrahedral complexes
- [Point 3]: Splitting of d orbital in Square planar complexes.

2. **Divergent Views:** Participants presented various perspectives on the topic, highlighting both the advantages and drawbacks of different approaches. The discussion featured robust debate, particularly around splitting of d orbital in complexes, which enriched the conversation and led to a deeper understanding of the issue.
3. **Consensus and Agreements:** Despite differing opinions, the group reached a consensus on splitting of d orbital in complexes depends up on geometry and nature of ligands. Key areas of agreement included factors that affect on CFSE.
4. **Challenges and Solutions:** Several challenges emerged during the discussion, including communication barriers, conflicting opinions. To address these, the group proposed solutions such as clarifying terms, seeking additional information.
5. **Action Items:** The group identified several action items for follow-up, including further research, discuss with subject teachers.
6. **Conclusion:** The group discussion effectively explored the topic of crystal field splitting in complexes, revealing a range of perspectives and leading to actionable conclusions. The participants demonstrated a high level of engagement and constructive dialogue, which contributed to a productive and insightful session.





*Principal*  
 Principal  
 Amdat. Deepakbhai Kesarkar Science College  
 Dodamarg, Tal.Dodamarg, Dist.Sindhudurg



## 2)Seminar activity

Department of zoology

### Seminar activity for USZO101 (Wonder of Animal World)

#### Footsteps to follow

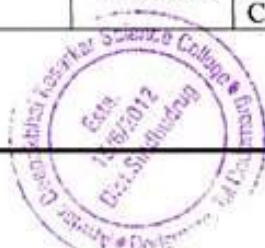
Date: 28 Sept. 2022

Sr. No.	Name of Students	Class	Topic of Seminar
01	Kharwat Janavi J.	F.Y.B.Sc.	Genetic code : Dr. Hargovind Khorana
02	Kotekar Pranali P.	F.Y.B.Sc	White Revolution : Dr. Varghese Kurian
03	Dalavi Supriya S.	F.Y.B.Sc	Ornithologist : Dr. Salim Ali
04	Gawas Shubham P.	F.Y.B.Sc	Water Conservation : Anna Hazare
05	Naik Simanthini P.	F.Y.B.Sc	Anandwan : Baba Amte
07	Aynodkar Sanjana	F.Y.B.Sc	Biocon : Kiran Muzumdar Shaw
08	Gawas Roshani R.	F.Y.B.Sc	Surimi : Gadre Fisheries
09	Kubal Ujjaini U.	F.Y.B.Sc	Water Conservation in Rajasthan : Dr. Rajendra Singh
10	Paryekar Pankaj N.	F.Y.B.Sc	YBP Founder : Mr. Achyut Bhonsle.

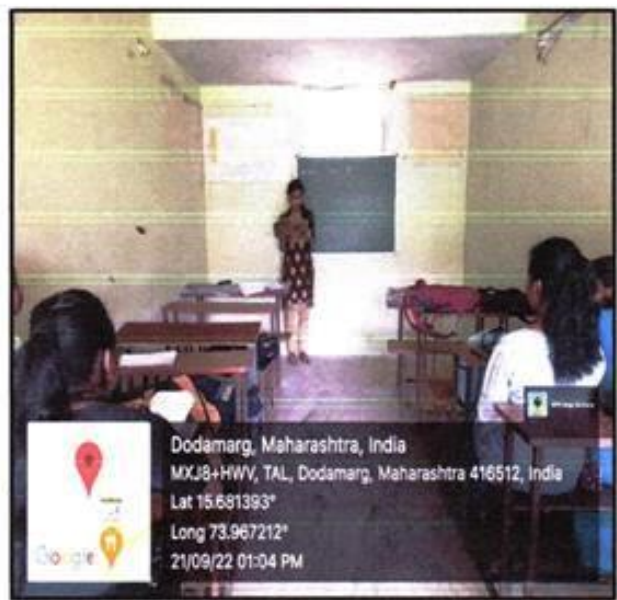
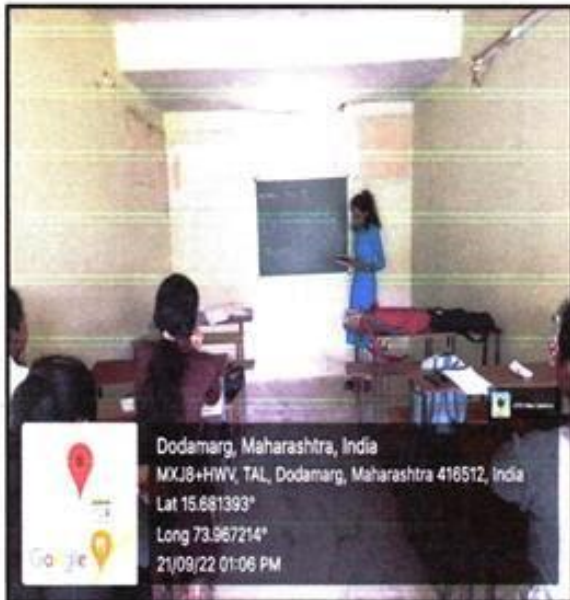
### Seminar activity for USZO302 (Animal Physiology)

Date: 21 Sept. 2022

Sr.No.	Name of Students	Class	Topic of Seminar
01	Gawade Neha N.	S.Y.B.Sc.	Comparative Study of Circulation : Open & Closed type
02	Kadam Prasanna	S.Y.B.Sc.	Movement & Locomotion : Locomotary Organs of Ameoba, Cockroach, Sharfish, Fish
03	Naik Aishwarya S.	S.Y.B.Sc.	Structure & Mechanism of Working of heart in Man
04	Gawas Shailaja D.	S.Y.B.Sc.	Study of Heart of Frog and Crocodile
05	Parmekar Hrutuja	S.Y.B.Sc.	Asexual reproduction : Fission, Fragmentation, Gemmule formation, Budding
07	Pawar Shiwani	S.Y.B.Sc.	Comparative Study of Circulation : Single & Double type
08	Gwade Pooja	S.Y.B.Sc.	Structure of Lungs & Physiology of respiration in Comparative Study of Circulation : Open & Closed type man



## Seminar activity S. Y. B. Sc. 2022-23



*Principal*  
Principal

Ambar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug

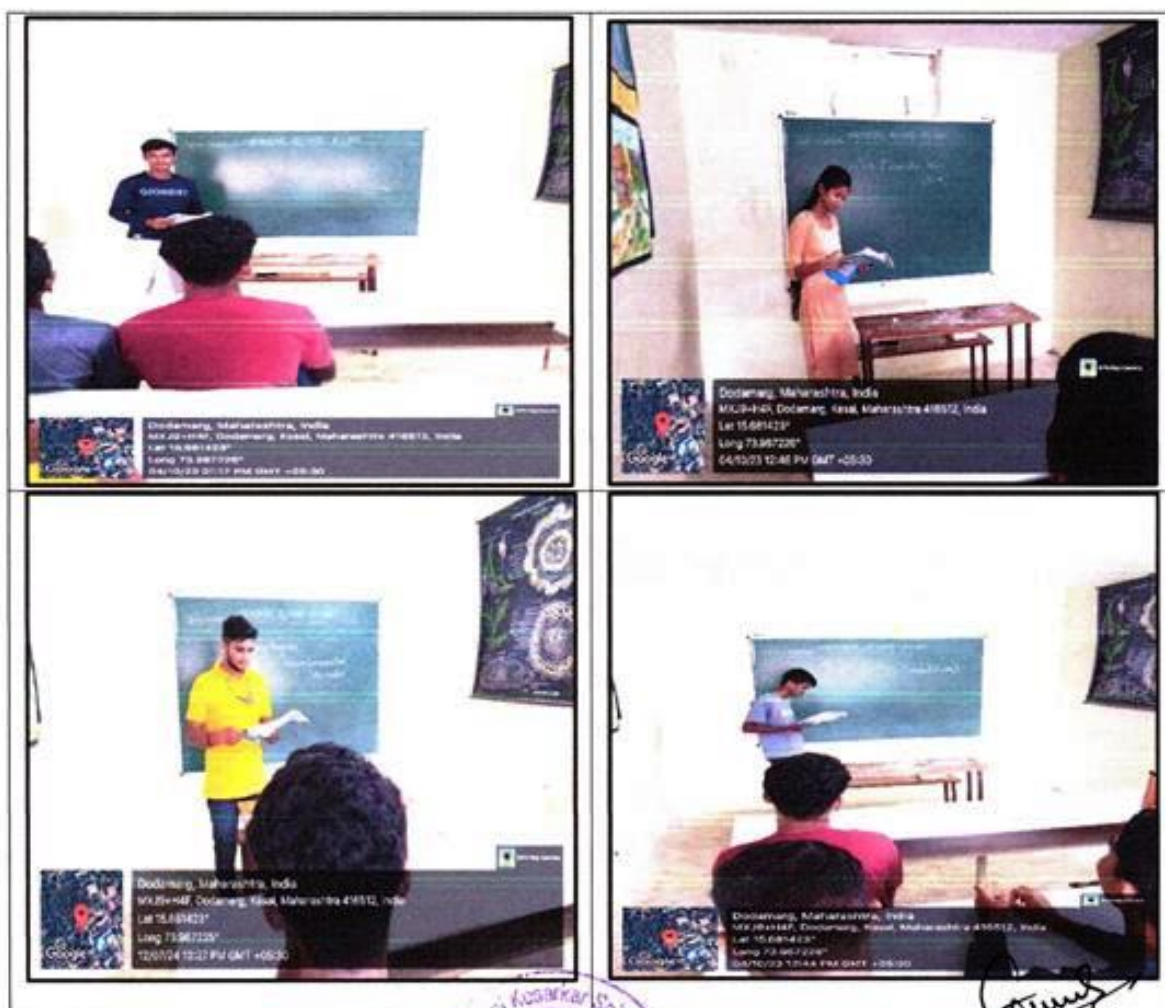


## Seminar activity for USZO101 (Wonder of Animal World)

### Footsteps to follow

Date: 04 oct. 2023

Sr. No.	Name of Students	Class	Topic of Seminar
01	Jangle Tushar S.	F.Y.B.Sc.	Genetic code : Dr. Hargovind Khorana
02	Ghogle Sakshi B.	F.Y.B.Sc	White Revolution : Dr. Varghese Kurian
03	Bandekar Yogesh	F.Y.B.Sc	Ornithologist : Dr. Salim Ali
04	Desai Dilip	F.Y.B.Sc	Water Conservation : Anna Hazare
05	Desai Vidyadhar	F.Y.B.Sc	Anandwan : Baba Amte
07	Naik Yogita A.	F.Y.B.Sc	Biocon : Kiran Muzumdar Shaw
08	Jadhav Asmita G.	F.Y.B.Sc	Surimi : Gadre Fisheries
09	Malik Vedant S.	F.Y.B.Sc	Water Conservation in Rajasthan : Dr. Rajendra Singh
10	Gawas Rutik	F.Y.B.Sc	YBP Founder : Mr. Achyut Bhonsle.



*Principal*  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

**Seminar activity for USZO301 (Genetics)**

**Fundamentals of Genetics**

**Date: 18-07-2023**

Sr. No.	Name of Students	Class	Topic of Seminar
01	Gawas Roshani Ramesh	S.Y.B.Sc.	Introduction of Genetics
02	Naik Simanthini Prashant	S.Y.B.Sc.	Monohybrid cross
03	Kubal Ujjayani Uttam	S.Y.B.Sc.	Dihybrid cross.
04	Kotekar Pranali Parashuram	S.Y.B.Sc.	Exceptional cases to mendelian genetics
05	Paryekar Pankaj Nanda	S.Y.B.Sc.	A, B, O group system
07	Dalavi Supriya Sanajay	S.Y.B.Sc.	Linkages
08	Gawas Mayuri Uday	S.Y.B.Sc.	Crossing over



*Deepakbhai Kesarkar*  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

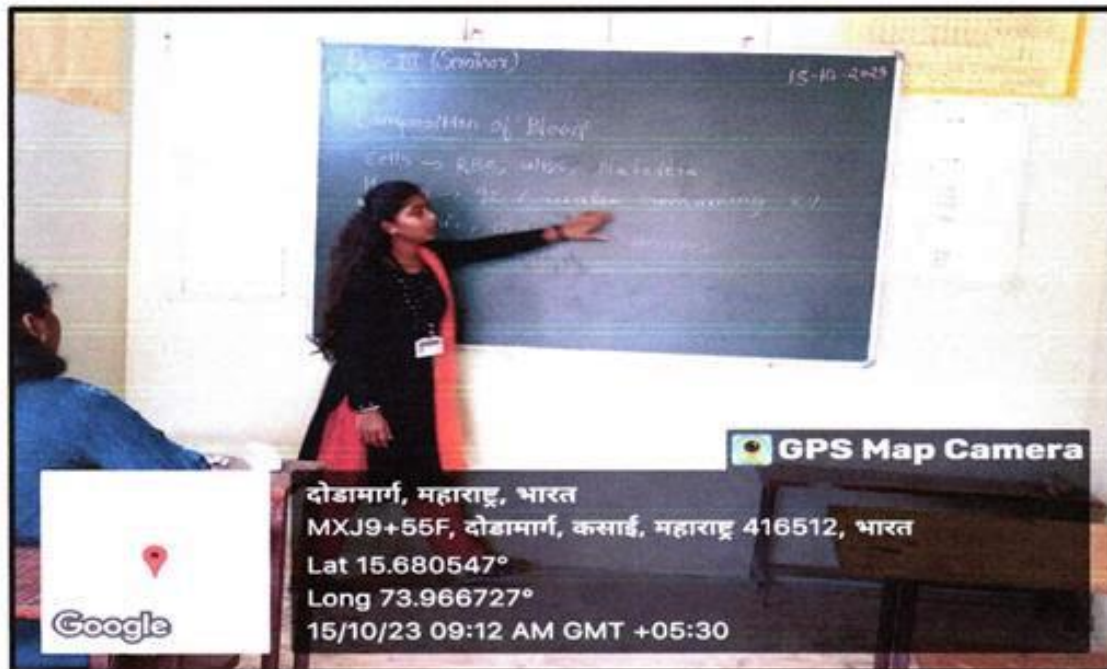


Department Of Zoology

Seminar activity

Date: 15 / 10 / 2023

Sr. No.	Name of Students	Class	Topic of Seminar
01	Chavan Gouri S.	T.Y.B.Sc.	Classification of Kingdom
02	Gawade Neha N.	T.Y.B.Sc.	Types of Cell injury
03	Gawas Shailaja D.	T.Y.B.Sc.	Toxicity of plant-based toxicants
04	Naik Aishwarya S.	T.Y.B.Sc.	Composition of Blood
05	Sutar Ninad N.	T.Y.B.Sc.	Integumentary derivatives
07	Kubal Pooja B.	T.Y.B.Sc.	Necrosis
08	Kubal Manali L.	T.Y.B.Sc.	Target Organ Toxicity





*Dr. Sindhudurg*  
 Principal

Amratar Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



# Botany

## One page report on Seminar

### Report on Seminars as a Teaching Method: Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg

In the realm of academic year, various teaching methods are applied to enhance student understanding and engagement. One such method is the use of seminars, which provides an interactive platform for students to delve deeper into specific subjects. This report focuses on the implementation and impact of seminars in the subject of Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg.

**Objective** To assess the efficacy of seminars as a teaching method in fostering a deeper understanding of Botany among college students.

**Methodology:** Seminars were conducted by subject experts and faculty members at the college. Students were divided into groups, and each group was assigned a specific topic within the domain of Botany. The groups were then required to understand syllabus, prepare presentations, and present their findings during the seminar sessions.

**Findings:** Enhanced Engagement: Seminars encouraged active participation from students. They were more engaged in research, discussions, and presentations, leading to a more profound understanding of the subject matter. Improved Research Skills: Students developed research skills as they delved into their assigned topics, gathering relevant data, and synthesizing information for their presentations. Collaborative Learning: Group activities fostered teamwork and collaboration among students. They learned to work cohesively, share knowledge, and support each other in understanding complex concepts. Critical Thinking: Seminars encouraged students to think critically, analyze information, and present logical arguments. They were challenged to question, evaluate, and interpret data, enhancing their analytical abilities. Feedback and Evaluation: The interactive nature of seminars allowed for immediate feedback from peers and faculty. This real-time evaluation provided students with insights into areas of improvement and further learning.

**Benefits:** Holistic Learning: Seminars provided a holistic learning experience, integrating theoretical knowledge with practical application.

**Skill Development:** Beyond academic learning, students honed their communication, presentation, and research skills.

**Motivation and Confidence:** Successfully conducting seminars boosted students' confidence and motivation, instilling a sense of accomplishment and pride in their academic endeavors.

Seminars have proven to be an effective teaching method in the Botany department at Amdar Deepakbhai Kesarkar Science College, Dodamarg. They have enriched the learning experience, fostering critical thinking, collaboration, and skill development among students. As the educational landscape continues to evolve, integrating innovative teaching methods like seminars will be pivotal in cultivating a generation of knowledgeable, skilled, and confident individuals.



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## **Botany**

### **One page Report on seminar on Power Point**

#### **Report on the Use of PowerPoint Presentation as a Teaching Method in Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg**

Introduction: Amdar Deepakbhai Kesarkar Science College, Dodamarg, has embraced modern teaching methodologies to enhance the learning experience of its students. Among the various methods adopted, the use of PowerPoint presentations in the subject of Botany has proven to be particularly effective.

#### **Advantages of Using PowerPoint in Botany Teaching:**

**Visual Enhancement:** Botany often involves the study of intricate structures, processes, and classifications. PowerPoint presentations allow for the inclusion of high-quality images, diagrams, and animations that offer a clearer understanding of complex botanical concepts. This visual enhancement aids students in grasping theoretical concepts more effectively.

**Organization and Structure:** PowerPoint presentations provide a structured format for presenting information. The use of bullet points, headings, and subheadings helps in breaking down topics into digestible segments, ensuring that the content is presented in a coherent manner. This organized approach facilitates better comprehension and retention among students.

**Interactive Learning:** PowerPoint presentations can be designed to incorporate interactive elements such as quizzes, polls, and hyperlinks to additional resources. This interactivity engages students actively in the learning process, promoting participation and fostering a deeper understanding of botanical concepts.

**Flexibility and Adaptability:** PowerPoint presentations offer flexibility in terms of content delivery. Educators can easily update, modify, or adapt the content to cater to the specific needs and pace of the students. This adaptability ensures that the teaching material remains relevant and up-to-date, reflecting the latest advancements in the field of Botany.

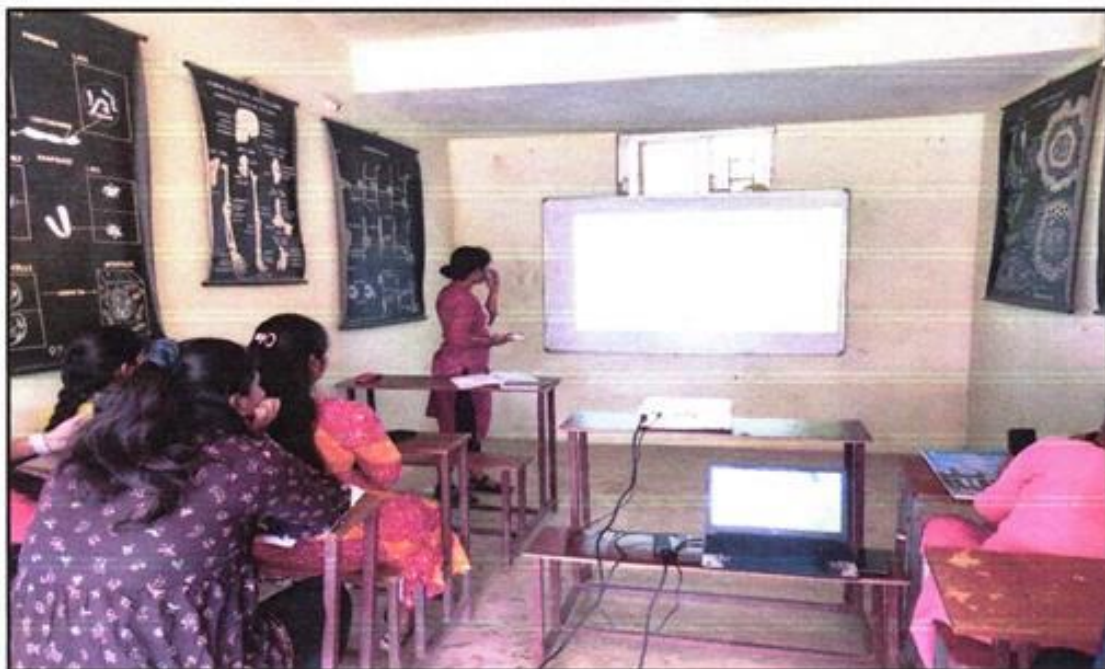
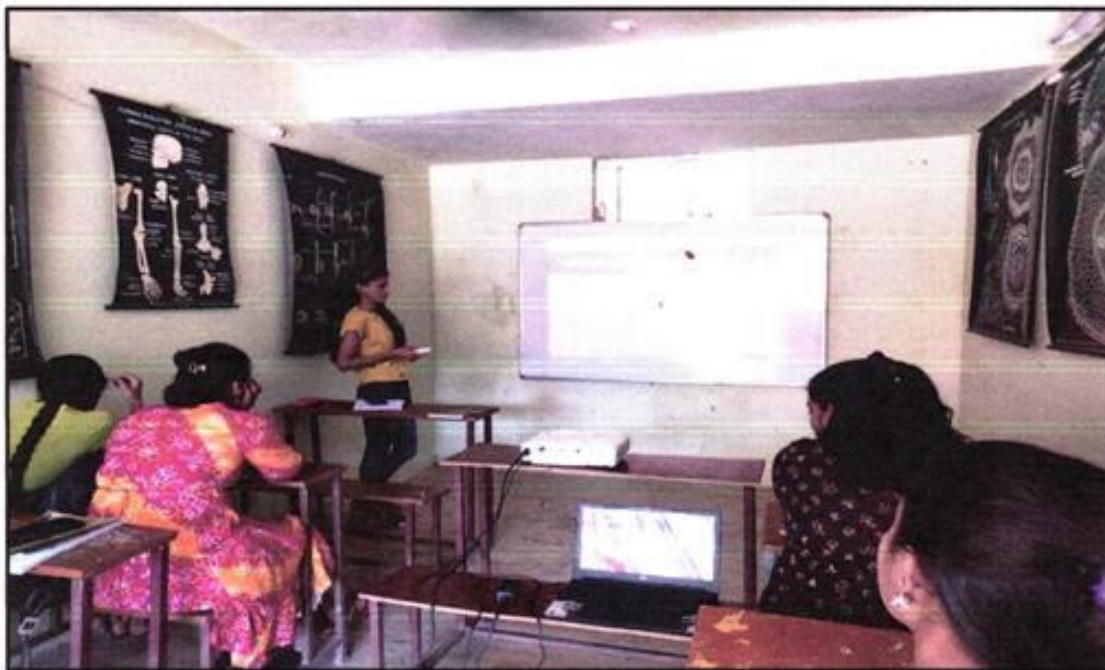
**Discussion :** The structured format of PowerPoint presentations allows educators to pose questions, present case studies, or highlight controversial topics within the field of Botany. This facilitates classroom discussions, debates, and critical thinking among students, encouraging them to analyze and evaluate different perspectives.

**Conclusion:** The integration of PowerPoint presentations as a teaching method in Botany at Amdar Deepakbhai Kesarkar Science College, Dodamarg, has significantly enriched the learning experience for students. By leveraging the visual, organizational, and interactive capabilities of PowerPoint, educators have been able to enhance comprehension, foster engagement, and stimulate critical thinking in the study of Botany. Continued utilization and refinement of this teaching methodology will undoubtedly contribute to the academic excellence and holistic development of students in the field of Botany.









  
 Principal  
 Amdar, Deshpande Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE,  
DODAMARG

DEPARTMENT of CHEMISTRY

**Activity Report**

Name of Activity	Seminar Activity
Date	13 <sup>th</sup> March 2023 To 19 <sup>th</sup> March 2023
Organized By	Department of Chemistry
Activity For	T.Y. B.Sc. Students
Number of Participants	38
Objectives of Activity	<ul style="list-style-type: none"><li>- To enhance the presentation &amp; communication Skill</li><li>- To develop a thorough knowledge on the topic of Chemistry</li><li>- The students could also learn the tips &amp; techniques of group presentation- how to present, how to present in a group, how to complement each other.</li><li>- To Increase the critical thinking</li></ul>
Outcomes	<ul style="list-style-type: none"><li>- Students learn the techniques of making good and proper PowerPoint presentations</li><li>- Enhances the topic knowledge.</li></ul>



  
Coordinator  
**Head**  
Department of Chemistry  
T.Y. B.Sc. College Dodamarg



  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg

AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE,  
DODAMARG

DEPARTMENT of CHEMISTRY

**Activity Report**

Name of Activity	Seminar Activity
Date	01st April 2024 To 06 <sup>th</sup> April 2024
Organized By	Department of Chemistry
Activity For	T.Y. B.Sc. Students
Number of Participants	24
Objectives of Activity	<ul style="list-style-type: none"><li>- To enhance the presentation &amp; communication Skill</li><li>- To develop a thorough knowledge on the topic of Chemistry</li><li>- The students could also learn the tips &amp; techniques of group presentation- how to present, how to present in a group, how to complement each other.</li><li>- To Increase the critical thinking</li></ul>
Outcomes	<ul style="list-style-type: none"><li>- Students learn the techniques of making good and proper PowerPoint presentations</li><li>- Enhances the topic knowledge.</li></ul>



  
Coordinator  
Head  
Department of Chemistry  
T.K.Sc. College Dodamarg



  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### Department Of Chemistry

#### One Page Report on Research Awareness

Date 05 / 09 / 2022

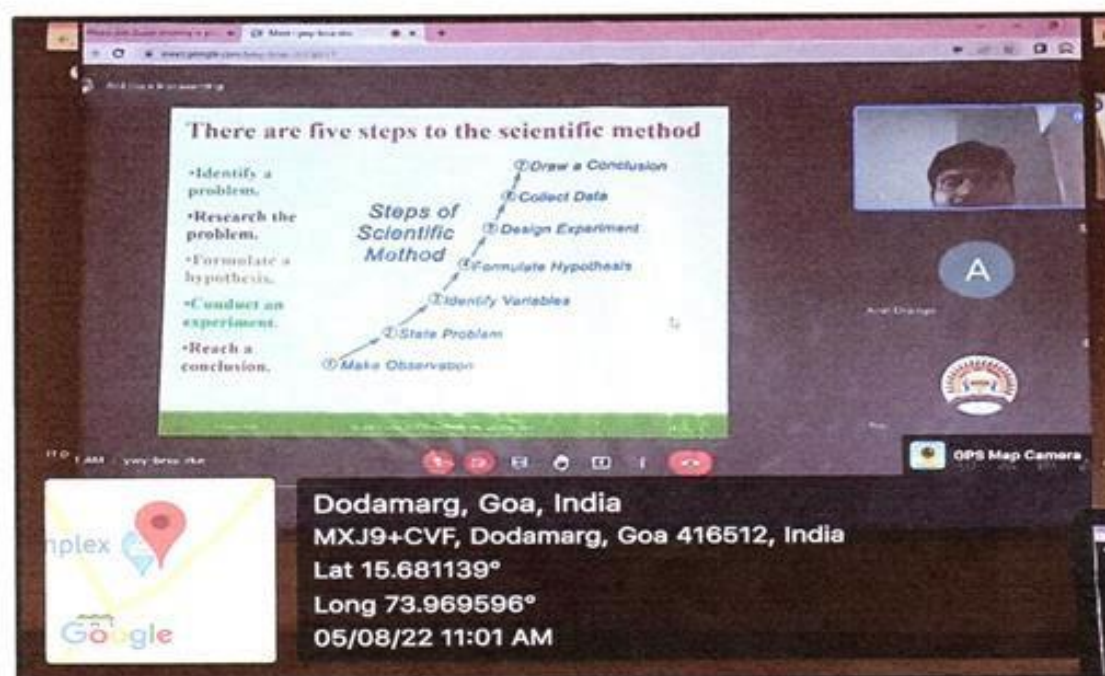
Department of chemistry and internal quality assurance cell of the college were organised online workshop on 5 September 2022 at 10.00 am in cultural hall on **RESEARCH AWARENESS** among the students. At the beginning head of the chemistry department Mr N. M. Chougale sir addressed department and welcome to today's program guest Dr. A. H. Gore sir. Later on, Mr. A. B. Dhenge introduce today's guest Dr. Gore sir who is published 60 articles in national and international journals having citation number is 1192 as well as h - index is 20. Dr. Gore sir recognised in World Scientist ranking (AD Scientific index) for last two succeeding year and they are also worked as a reviewer for RSC, Elsevier, Springer journals. Dr. Gore sir try to culminate research mind in the students also they give information about how to do research. Guided how to overcome the problems encountered while doing research. At the same time, he discussed how our research work will help the social and scientific community.

In this program 60 number of students show their enthusiastic attendance and get benefits of it. During the question and answer session, Dr. Gore satisfactorily answered all the questions and doubts of the students. We organise programs in this way to develop scientific attitude among the students. At the same time the college is conducting such type activities with the aim of increasing their interest in research and contributing in the field of research in the future. Through this program we have try to fostering their curiosity in the area of research





and fundamental science also. I hope we are succeeded in, to initiate keen interest of student in the thrust area of science.



  
**Head**  
 Department of Chemis..  
 Sc. College Dodamarg



  
**Principal**  
 Amdar, Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





*Dr. Sindhudurg*  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





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## **Department Of Chemistry**

### **One page report on National Seminar**

Date - 12/08/2022

National Education Policy (2020): Recent Developments\_It is argued that, we must look at the NEP as a strategy & vision document. The academic thrust of the NEP has been found to be very promising & to know more recent developments made in NEP and how to achieve the goals of education using NEP-2020, Department of Chemistry organize National seminar on subject "National Education Policy 2020: Recent Developments, through online mode on Google Meet.

The Resource person of seminar was Dr. U. P. Jadhav sir, Dean Academics of Sanjay Ghodawat University, Kolhapur.

The program starts with online inauguration done by Mr. M. S. Patil sir. They had well come to Dr. U.P. Jadhav sir, also well come to our patron Mr. P. R. Shingte Sir, secretary Mrs. Shingte madam and all the participants.

Mr. N. M. Chougale, HOD of chemistry put the proposer on behalf of principal. They mention environmental importance of Dodamarg tehsil. Also said the vision & mission of Shramik Vidyarthi Dnyanaseva saunth's & mention what the efforts are taken by our President to achieve the set goals of college in education field. Mr. Chougale further explains the purpose of organizing such seminar they said, education is not only about livelihood, but it is about life, they pointed out that intelligence does not rely on memory alone ,it is ability to see patterns that we have not seen before, where research & judgement is required. Hence the purpose of education must be the enhancement of human intelligence.








Resource person Dr. U. P. Jadhav sir, shared how this reformative & revolutionary policy lunched in 2020, transformed the face of the Indian education system, they said that the document could be deemed successfully so far with respect to its aims to push educational institutes to revamp their pedagogical practices in alignment with evolving market dynamics. Besides edtech, NEP has also come to the nations aid helping it achieve United Nations sustainable developments goals targeted for 2030.

Dr. Jadhav sir clear all the doubts satisfactorily which is questioned by participants.

Finally, the seminar ends with vote of thanks, done by Mr. A. B. Dhenge sir.





  
 Head  
 Department of Chemistry  
 N.K.Sc. College Dodamarg



  
 Principal  
 Amdar. Deepakbhai Kesarhar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





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Report on  
**One Day Workshop On**  
**“Introduction of Snakes & Conservation Strategy”**  
Organized by  
**Department of Zoology**

### **Rationale:**

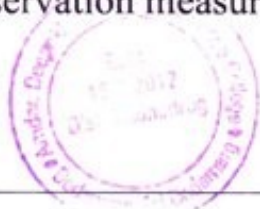
Around the world, snake populations are declining due to human activity, and hundreds of snake species are in danger of going extinct. The ecology and humans both benefit from snakes, thus their widespread extinction would have a negative impact on the rest of the biosphere. However, it is challenging to mobilise support for snake conservation activities because most people view snakes with fear and contempt. Programs that educate people about snakes can help alter public perceptions of them. Snakes are a farmer's best friend and one of the most significant biological control agents in agriculture, particularly for controlling rodents. The consequent attitude shift makes people more motivated to conserve and protect snake populations, which will benefit ecosystems and biodiversity all around the world.

### **Expected Outcomes:**

After the successful completion of the workshop, participants will be able to:

Recognize the differences between several snake species, including venomous, semi-venomous, and non-venomous snakes.

Put the various snake conservation measures into action.



Raise people's awareness of the need to dispel snake-related myths and fears in society. The next generation of pupils will be able to develop empathy for snakes and a willingness to protect them from the negative effects of human activity if teachers promote widespread snake education in their classrooms.

### **SESSION PLAN**

**Wednesday 30 November, 2022**

**Session: Introduction of Snakes & Conservation Strategies**

**Time required:** 03 hour

**Aim:**

To provide participants with a general overview of the variety of snakes found in the Dodamarg taluka and Sindhudurg district, as well as information about snake conservation and snakes' role as a farmer's friend and a key element in the biological cycle.

**Outcomes:**

The participants will be able to identify several sorts of snakes, including venomous, semi-venomous, and non-venomous snakes, and will be able to gain a general notion of them. Additionally, they will be able to learn about the diversity of snakes, the significance of snake conservation, and various conservation tactics.

They will also be able to dispel myths and fears associated with snakes and raise awareness throughout society.

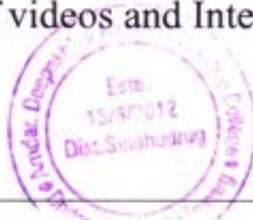
**Workshop Methodology:**

PPT presentations, participant reflections, debates, and video clips are all used during lectures.

Resource person: Workshop Facilitator - Miss. Simanthini Naik (SARRP India, Educator & Wildlife Rescuer)

**Requirements:**

A seminar hall with good ambiance, LCD projector and Speakers for sound amplification of videos and Internet facility.





### Resource Person:

1. Workshop Facilitator - Miss. Simanthini Naik (SARRP India, Educator & Wildlife Rescuer)



*Handwritten signature and text:*  
Simanthini Naik  
Workshop Facilitator  
SARRP India



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## Department of Chemistry

### Report On Workshop: How to face Interview

A one-day workshop on “ HOW TO FACE INTERVIEW ” organized by the Amdar Deepakbhai Kesarkar Science College Dodamarg in association with Department of chemistry, on a 3<sup>rd</sup> march 2023 from 9:00 AM to 4:30 PM .



Inauguration of workshop is done by college I/C principal Mr. M. V. Golase Sir. This workshop will be very useful to our all college students in future and some important keynotes are given by the principal sir.

Next session related about to introduction and CV preparation conducting by Mr. A. B. Dhenge sir. They discuss about what important points must be included in CV such as academic achievement,





extracurricular activities, Objective of working and any relevant experience listed on your resume. As well as Anticipate question about your strength, weakness, career goals and why you are interested in job.

HoD Mr. N. M. Chougale sir explained concepts of solution chemistry. In which they told what are the basic concept involved in solution chemistry for examples ,Normality , Formality , Molarity , molality etc.

Then the IV session related to spectroscopy that is involves types spectroscopy, examples- IR,NMR UV Visible spectroscopy as well as explained in detailed working and applications The session is conducted by Mr. M. S. Patil Sir.

Miss. P. V. Samarth madam described about to chromatography introduction part to including types of chromatography their working as well as application also for HPLC, TLC, GAS Chromatograohy.



The most important part of this workshop is introduction of pharma company related information gave to detailed in how many departments in pharma company ,mostly highlighted to QC, QA Production, Packing, Storage are available in factory related department. And end of this workshop the thanks giving of all the teachers was done. Students very much Happy & satisfied with this workshop.

  
Head  
Department of Chemistry  
Dodamarg





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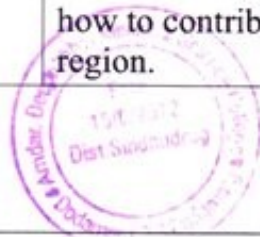
Report on  
**One Day Seminar**  
On  
“Bird of Sindhudurg: Threats and conservation strategy”  
Organized by  
**Department of Zoology**

Sr. No.	Name of Activity	“Bird of Sindhudurg: Threats and conservation strategy”
1.	Date	06 <sup>th</sup> October, 2023
2.	Place	Cultural hall, ADK Science college, Dodamarg.
3.	Name of the organizing committee	Department of Zoology, ADK Science college, Dodamarg.
4.	Name of the convener and Coordinator	Asst. Prof. Mr. M. V. Golase, Asst. Prof. Dr. S.V. More
5.	Name of the Speaker	Dr. Ganesh S. Margaj, Associate Professor, Dept. of Zoology, Shri Pancham Khemraj Mahavidyalaya, Sawantwadi, Sindhudurg.
6.	Number of Participants	30
7.	Objective of the activity	There are reasons to organize workshop on ““Bird of Sindhudurg: Threats and conservation strategy”, 1) Identification and basic introduction of Birds. 2) To study the role of Birds in Ecosystem. 3) To review of endangered & critically endangered species of birds. 4) Myths & reality about Owls and etc. 5) Cause of Environment problem.





8.	Brief report of activity	<p><b>Introductory Speech:</b> Asst. Prof. Dr. S. V. More opened the event by introducing the theme and significance of the discussion on bird conservation.</p> <p><b>Welcome Speech:</b> Ms. S. B. Sutar extended a warm welcome to the attendees, setting a positive tone for the event.</p> <p><b>Main Presentation:</b> Dr. G. S. Margaj, the resource person, delivered a detailed presentation on the threats facing bird species in Sindhudurg and proposed strategies for their conservation.</p> <p><b>Principal Address:</b> Mr. M. V. Golase provided an address emphasizing the importance of the conservation efforts discussed and their broader implications.</p> <p><b>Vote of Thanks:</b> Mr. A. B. Dhenge concluded the event with a vote of thanks, acknowledging the contributions of all speakers and participants.</p> <p><b>Anchoring:</b> Mr. A. S. Sinari managed the event smoothly, ensuring that each segment was conducted seamlessly.</p>
9.	Brief outcome of the activity	<p><b>Increased Awareness:</b> Participants gained a deeper understanding of the specific threats facing bird species in Sindhudurg, such as habitat loss and environmental changes.</p> <p><b>Knowledge on Conservation Strategies:</b> Attendees were informed about effective conservation strategies, including habitat preservation and community involvement.</p> <p><b>Engagement and Motivation:</b> The event motivated attendees to support and engage in bird conservation efforts through increased awareness and practical knowledge.</p> <p><b>Community and Academic Collaboration:</b> The activity facilitated dialogue between the academic community and local stakeholders, promoting collaborative efforts for conservation.</p> <p><b>Actionable Insights:</b> Participants left with actionable insights and a better understanding of how to contribute to bird conservation in their region.</p>









*Principal*  
 Amdar. Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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ESTD. - 2012

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COLLEGE CODE - 166

Report on  
**One Day Workshop**  
**On**  
**"Environment and Organic farming"**

Organized by  
**Department of Zoology**

Sr. No.	Name of Activity	"Environment and Organic farming"
1.	Date	14/10/2023
2.	Place	Seminar hall, ADK Science college, Dodamarg.
3.	Name of the Organizing committee	Department of Zoology, ADK Science college, Dodamarg.
4.	Name of the convener and Coordinator	Asst. Prof. Mr. M.V. Golase Asst. Prof. Dr. S.V. More
5.	Name of the Speaker	Dr. K.N. Nikam, Head, Department of Zoology, R.B.M. College, Chandgad.
6.	Number of Participants	
7.	Objective of the	There are reasons to organize workshop on Environment and Organic farming 1) To disseminate information on economic aspects of Vermicomposting. 2) To study the role of earthworm in agriculture field. 3) General introduction of Vermicomposting. 4) It attends social issues and recycle waste. 5) To avoid inorganic chemicals in the agriculture field. 6) To encourage young learners for self-employment.
8.	Brief report of activity	The event on Environment and Organic Farming, held at Amdar Deepakbhai





		<p>Kesarkar Science College, Dodamarg, was a comprehensive session focusing on the significance and future prospects of sustainable agricultural practices. The program commenced with an introductory speech by Asst. Prof. Dr. S. V. More, followed by a welcoming address from Ms. S. B. Sutar. Dr. K.N. Nikam, the resource person, provided an in-depth discussion on the importance and future applications of environmental and organic farming. The principal address was delivered by Mr. M. V. Golase, and the vote of thanks was given by Mr. A. B. Dhenge. The event was anchored by Mr. A. S. Sinari, ensuring a well-organized and informative session.</p>
9.	Brief outcome of the	<p><b>Understanding Organic Farming</b>  <b>Principles:</b> Students will gain knowledge about organic farming practices, including soil health, crop rotation, and natural pest management.  <b>Awareness of Environmental Impact:</b> They will learn how organic farming benefits the environment by reducing chemical usage, promoting biodiversity, and conserving water.  <b>Practical Skills:</b> Students might acquire hands-on skills in organic farming techniques, such as composting, planting, and managing a garden.  <b>Sustainable Practices:</b> They will understand the importance of sustainability and how organic farming contributes to long-term environmental health.  <b>Critical Thinking:</b> The workshop can enhance their ability to evaluate different farming methods and their impacts on the environment.  <b>Community and Resources:</b> Students will be introduced to local and global resources for further learning and community involvement in organic farming and environmental conservation.</p>









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Dr. Anil Kumar Science College  
 B. Kamarg, Tal. Dodamarg, Dist. Kasai



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TEL. NO. - 02363 256755

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## REPORT ON

## INTERNATIONAL YOGA DAY CELEBRATION

Academic Year	2019-20
Name of the Committee	Sport Committee
Name of the Event	International Yoga Day
Date	June 21, 2019
Venue	Seminar hall
Objective	To raise global awareness about the benefits of practising of yoga.
No. of Participants	

5th International Yoga day was celebrated by the students and the teachers of MES night college of Arts and Commerce on 21st June 2019 with great enthusiasm. Principal Mr. Milind Golase Sir and Mr. A. B. Dhenge also participated in the celebration. The function began with a brief introduction of Yoga Day by Prof. N. M. Chaugale Sir. A brief introduction of the guests of Local Yoga trainer from Dodamarg was given by Miss. S. B. Sutar Madam, the chief guests were felicitated by Mr. A. B. Dhenge and Principal Mr. Milind Golase Sir respectively. Yoga Day is celebrated among the youth and children to make them understand the importance of Yoga in their life. It helps the students understand how to maintain harmony between body and mind. Brief information was provided to explain the importance of Yoga. Mr. Milind Golase Sir explained the importance of Yoga in the life of youngsters. He explained that regular practice of Yoga will help the students achieve better mental and physical health. Mr. Golase started Yoga demonstrations with the Yoga prayer. After which a few warm up



*(Signature)*  
Principal  
Amdar Deepakbhai Kesarkar Science College  
Dodamarg, Dist. Sindhudurg



and simple Asanas were performed by the students and the teachers enthusiastically and the importance of these Asanas was explained simultaneously by Yoga trainer and Mr. A. B. Dhenge. He spoke about 'The Positive Framework of Meditation'. He began by explaining how negative thoughts disturb a person. Negativity he said increases the hormonal imbalance in people and thus there is a confusion of thoughts leading to stress. He also spoke about her experience as a counsellor where he has patients ranging from the age group 3 years to 90 years. He emphasized the fact that purity of thought increases positivity in a person. Purity of thought increases mentally and physically strong people, which further create a positive nation leading to positive world. Prof. Mahesh Patil Sir told the students that the International Yoga Day is a gift to the world by PM Modi, who put forward proposal on 11th December 2014 in the United Nations General Assembly (UNGA), which was accepted by 193 Nations. 21st June is since been celebrated as International Yoga Day. Mr. A. B. Dhenge explained the importance of breath in meditation. He told the students they should read ancient Indian texts books on yoga along with personality development books by international writers. The function ended with a vote of thanks by Prof. S. B. Sutar. The function was organised by sport Committee and DLLE students along with all the Professors and office staff who put in a lot of effort to make the function a success.



*Principal*

Vinod Deepakbhai Kesarkar Science College  
Dadamang, Tal. Dadamang, Dist. Sindhudurg







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Kendriya Vidyalaya Sangathan  
Bhopal  
Principal

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Library  
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New York, N.Y. 10036





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ESTD. - 2012

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### Report On World Environment Day

<b>Academic Year</b>	2022-23
<b>Name of the Committee</b>	Zoology Department and Nature Club
<b>Name of the Event</b>	World Environment Day
<b>Date</b>	June 05, 2022
<b>Venue</b>	Lecture hall and College Campus
<b>Objective</b>	To educate the people and students about pressing environmental issues and importance of sustainable practices.
<b>No. of Participants</b>	

On June 5, 2022, the globe celebrated World Environment Day. Our ADK Science College Dodamarg also participated to raise awareness of the necessity of protecting the environment and our home planet. Globally, Sweden sponsored the World Environment Day, with the theme "Living Sustainability in Harmony with Nature" and the tagline "Only One Earth." World Environment Day was originally observed in 1973, and since then it has served as a forum for bringing attention to environmental issues such as wildlife crime, overpopulation, global warming, and marine pollution. With annual participation from more than 143 nations, it serves as the platform for public engagement. Dr. Sanjay Jagtap, Joint Director, who



was the chief guest and highlighted speaker for the occasion, explained all of these things to the instructors and students. Finally, he provided us with suggestions for a variety of concerns that directly impact our ecosystem, including

1. Stop using plastic on day-to-day basis. 2. A tree should be planted every year.

3. Avoid dumping trash into the ocean or rivers. 4. Use objects with care and recycle them.

5. Attempt to reuse items. 6. Use bicycles more and reduce driving 7. Conserve as much water as you can 8. By using less wood and tree, the amount of forest must grow.

Later, the Chief Guest planted the saplings on the college campus alongside the students, instructors, and non-teaching staff.







*Principal*  
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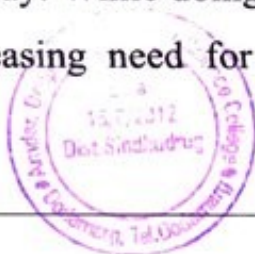
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### Report On World Nature Conservation Day

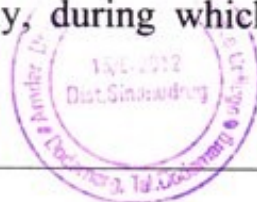
<b>Academic Year</b>	2019-2020
<b>Name of the Committee</b>	Zoology department and Nature Club
<b>Name of the Event</b>	World Nature Conservation Day
<b>Date</b>	July 28, 2019
<b>Venue</b>	College campus.
<b>Objective</b>	The main objective of this event is respect and promote the values of wide range of forests to raise awareness about the importance of nature and promote sustainable conservation practises.
<b>No. of Participants</b>	

World Nature Conservation Day is celebrated today on July 28. This day is celebrated to conserve everything in nature like trees, mountains, rivers, forests, animals, birds and to create awareness about natural resources in the society. The current era is called the progressive era of science and technology. The world is fighting to raise the graph of development and progress on the basis of human intelligence and techniques in a modern way. While doing this, the increasing needs of human beings, the increasing need for food grains, factories, and





products, along with the increasing demand according to the population, all these things are putting a huge strain on the natural resources. By destroying the natural forest resources, humans are setting up their settlements, while setting up these settlements, people forget that the survival of these trees is more important than the need for development. As the population increases and the population increases, man is destroying the forest resources to provide more space for new settlements, new factories to create jobs for those people. Man in this modern era is currently looking only for his happiness, wealth, glory and selfishness. In the name of modernizing smart city, man is fulfilling his desire by encroaching on many natural resources of nature. But while doing all this, people do not realize that we are breaking the balanced life cycle of nature somewhere. "Vrikshavalli Amha Soyre Vanchare" has been told by our saints long ago. In our agrarian culture, our ancestors gave importance to numerous types of trees like wad, pimpal, talsa, mango, lemon. By planting these indigenous trees, if they are properly conserved, these trees can provide adequate amount of rainfall, thus providing abundant water, providing shade, vapour retention, oxygenation, and most importantly, raising the ground water level, thus automatically reducing the temperature. Therefore, it is the need of the hour for everyone to plant trees and conserve forests. The inaugural programme then took place, including Mr. M.V. Golase as the chief guest of honour, as well as Mr. B.V. Rashiwade and other dignitaries. The activities and performances in the programme were aimed at educating students about our nature. The programme began with the opening ceremony, during which Chief Guest Mr. M. V.



Golase delivered on lecture on Nature conservation day. The day offers a chance to raise awareness about the conservation strategy and prevent deforestation from natural habitat all over the world. Speaking about Nature conservation day were Mr. Milind Golase Sir, Mr. A.B. Dhenge Sir and other teaching staff. The program's anchoring and conclusion were performed by Mr. J. A. Sawant.







*Signature*  
Principal

Amdar, Deepakbhai Keshkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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### **Report on World Suryanamskar Day**

**Student Welfare Committee** Organized **World Suryanamskar Day** on 14 January 2022 with great zeal and devotion under the guidance of **Assistant Prof. M. S. Patil** as a Yoga Activity to present the theme. **50 Students** and all teaching and non-teaching staff from college participated in the World Suryanamskar Day. On this occasion Yoga teachers of Sahaj Yoga guided us. They are guided us by demonstrating different steps of Suryanamskar, yoga types and health benefits of yoga.

#### **Physical and mental health**

The Surya Namaskar tones the entire body, helps with weight loss, and strengthens muscles and joints. Practice this flow if you want to improve your complexion as it ensures a better functioning digestive system. Improve your sleep as it helps combat insomnia and reduces stress levels. This is especially beneficial for women as it ensures regular menstrual cycle. The sun salutation is also useful in treatment of frozen shoulders. It helps in weight loss, improves balance in the nervous system, reduces blood sugar levels and stimulates the manipura chakra.

#### **Benefits of Surya Namaskar:**

1. Improved complexion
2. Ensures a better functioning digestive system
3. Helps with weight loss
4. Strengthens muscles and joints
5. Helps combat insomnia



6. Ensures regular menstrual cycle
7. Useful in treatment of frozen shoulders
8. Spinal cord and abdominal muscles are stretched
9. Internal organs are massaged
10. Improves flexibility of the hips
11. Stimulates the Manipura Chakra
12. Improves balance in the nervous system
13. Reduces blood sugar levels
14. Reduces stress levels
15. Tones the entire body
16. Improves digestion and reduces constipation
17. Eliminates stomach ailments
18. Promotes balance between both sides of the body





  
 Amor, Deepakbhai Kesarkar Science Coll.,  
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SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

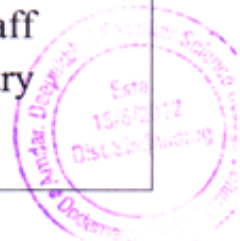
### Report On Teachers Day Celebration

<b>Academic Year</b>	2019-20
<b>Name of the Committee</b>	Cultural Committee
<b>Name of the Event</b>	Teachers Day Celebration
<b>Date</b>	September 05, 2019
<b>Venue</b>	Seminar Hall
<b>Objective</b>	To celebrate the role played by teachers
<b>No. of Participants</b>	

Amdar Deepakbhai Kesarkar Science College in Dodamarg celebrated Teachers Day on September 5, 2019, at 9:30 a.m., in observance of the anniversary of the birth of Dr. Sarvepalli Radhakrishnan, India's second President. We did this to express our gratitude for our professors' commitment to guiding us toward becoming thoughtful, responsible citizens. The ceremony began with a wreath being placed in front of a picture of Dr. Sarvepalli Radhakrishnan. He is staunch believer of education and well-known diplomat visionary states man scholar and president of India and above all the perfect teacher. To express appreciation for the dedication the instructors have shown to their professional growth, each faculty received a gift along with a Happy Teachers Day greeting. The audience, which included instructors and students, was subsequently given a lecture by a student that provided a glimpse into Dr. Radhakrishnan's life. Following this, the principal, Mr. Golase sir, addressed the entire college in a speech in which he asked students to uphold the tradition of honouring teachers and praised the entire staff for their outstanding contributions to the school's extraordinary

*(Signature)*  
Principal

Amdar Deepakbhai Kesarkar Science College  
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achievement. The importance of Teachers Day was discussed by Mr. N. M. Chaugale Sir and Mr. A. B. Dhenge Sir, the head of the chemistry department. Third-year students gave a thank-you speech to finish the programme



*Amr*  
Principal

Amdar, Deepakbhai Kesarkar Distance College  
Dudamang, Tal. Dudamang, Dist. Sindhudurg







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TEL. NO. - 02363 256755

ESTD. - 2012

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### **Report On International Women's Day Celebration**

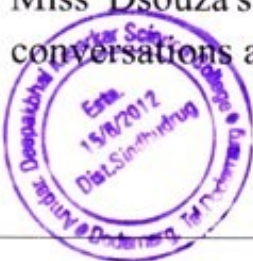
The Amdar Deepakbhai Kesarkar Science College celebrated International Women's Day with enthusiasm and fervour on March 8, 2022. The occasion was marked by various activities aimed at honoring and empowering women, highlighting their achievements, and advocating for gender equality.

#### **Activities and Highlights:**

One of the main highlights of the event was a Rangoli competition organized for the students. The competition not only showcased the artistic talents of the participants but also promoted the theme of celebrating womanhood through creative expression. Students enthusiastically participated, creating vibrant and intricate designs that symbolized empowerment and solidarity.

The program commenced with an inaugural ceremony graced by the college principal, who emphasized the importance of gender equality and the role of education in empowering women. The principal's address set the tone for the day, encouraging students to recognize and appreciate the contributions of women in all spheres of life.

Following the inauguration, Miss N. M. Dsouza delivered an insightful and inspiring speech. Her address focused on the challenges faced by women in society and the importance of creating a supportive environment where women can thrive and achieve their full potential. Miss Dsouza's words resonated deeply with the audience, sparking conversations about gender stereotypes and the need for inclusivity.



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Throughout the day, various cultural performances and presentations highlighted the achievements of women in science, literature, and other fields. These performances served as a reminder of the significant contributions of women to society and underscored the importance of gender parity in all aspects of life.

### Conclusion:

The International Women's Day celebration at Amdar Deepakbhai Kesarkar Science College was a resounding success, fostering a spirit of unity and empowerment among students. The Rangoli competition, speeches, and cultural performances collectively highlighted the importance of gender equality and served as a catalyst for meaningful discussions on women's rights and representation.

The event concluded with a renewed commitment from the college community to continue supporting initiatives that promote gender equality and empower women. It was a day filled with reflection, celebration, and determination to create a more inclusive and equitable society.



*Principal*  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





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Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### Report On World Nature Conservation Day

<b>Academic Year</b>	2021-22
<b>Name of the Committee</b>	Zoology Department and Nature Club
<b>Name of the Event</b>	World Forest Conservation Day
<b>Date</b>	March 21, 2022
<b>Venue</b>	College campus And Surrounding area
<b>Objective</b>	To conserve forests and ensure their sustainable management. To regulate the diversion of forestland for non-forestry purposes, such as mining, industrial projects, or infrastructure development
<b>No. of Participants</b>	

World Nature Conservation Day is observed annually on March 21, 2022 to raise awareness about the importance of forests and the urgent need to conserve them. Forests play a crucial role in maintaining ecological balance, supporting biodiversity, mitigating climate change, and providing livelihoods to millions of people worldwide. Forest Conservation Day serves as a reminder of our responsibility to protect and sustainably manage our forests. It highlights the interconnectedness of forests with our well-being and the environment. Continued efforts are essential to ensure that future generations can benefit from the invaluable services that forests provide. World Nature Conservation Day was observed on March 21, 2022, with a focus on the critical importance of forests and the necessity of their





conservation. The event aimed to raise awareness about the vital role forests play in ecological balance, biodiversity support, climate change mitigation, and the sustenance of millions of livelihoods globally. Introductory Speech: The event commenced with an insightful introductory speech by Asst. Prof. Dr. S. V. More, who emphasized the significance of forest conservation and the collective responsibility of individuals and communities to protect these natural resources? Welcome Speech: Ms. S. B. Sutar extended a warm welcome to all attendees, setting the tone for a day dedicated to understanding and addressing forest conservation issues. Principal Address: Mr. M. V. Golase delivered the principal address, highlighting the interconnectedness between human well-being and forest ecosystems, and reinforcing the call for sustainable management practices. Vote of Thanks: Mr. A. B. Dhenge concluded the event by expressing gratitude to all participants.









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### Department Of Lifelong Learning And Extension

#### Report on Yuva Day Celebration

Date-12/01/2020

Yuva Day is a celebration of youth and young people on January 12th in India. The day is dedicated to the youth of the country and their contributions to society. It is a day to recognize the potential of young people and their ability to bring about positive change in the world.

The topic of fundamentals of life is a broad and complex subject that encompasses various aspects of human existence, including physical, emotional, social, and spiritual dimensions. At the college level, students are often exposed to different perspectives on the fundamental aspects of life, such as the meaning of life, human nature, morality, and ethics.

The celebration of Yuva Day at the college level provides an opportunity for students to reflect on the fundamental aspects of life and their own potential to make a positive impact on society. It can also be a platform for students to showcase their talents and skills and engage in meaningful discussions on topics related to youth empowerment and social change.

Overall, the celebration of Yuva Day and the exploration of the fundamentals of life at the college level can be an enriching experience for 55 students, helping them to develop a deeper understanding of themselves and the world around them.





At a college level, Yuva day celebrations may focus on inspiring students to embrace the fundamental principles of life, such as honesty, respect, perseverance, and empathy. The celebration may include various activities, such as speeches, cultural performances, debates, and competitions that encourage students to reflect on these principles and their significance.

The celebration also provides an opportunity for students to connect with each other and the larger community. It promotes teamwork, collaboration, and social responsibility. Overall, Yuva day celebrations a powerful way to encourage students to embrace the fundamental principles of life and to become responsible and productive members of society.



*[Signature]*  
Principal  
D.L.E.



*[Signature]*  
Principal





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### CULTURAL DEPARTMENT

Date: 05 sept 2023

#### **Amdar Deepakbhai Kesarkar Science College Celebrates Teachers' Day and Dr. Sarvapalli Radhakrishnan Jayanti**

Amdar Deepakbhai Kesarkar Science College recently celebrated Teachers' Day and Dr. Sarvapalli Radhakrishnan Jayanti. Sarvapalli Radhakrishnan was not only an exemplary teacher but also the second President of India. His birth anniversary, on September 5th, is celebrated as Teachers' Day in his honor. The college paid tribute to this great visionary, who believed in the transformative power of education.



This unique celebration saw a role reversal, as students took on the roles of teachers for a day while the dedicated educators enjoyed a well-deserved rest.



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Teachers' Day, celebrated on September 5th in India, is a special occasion dedicated to honoring the invaluable contributions of educators in shaping the future of our nation. This year, Amdar Deepakbhai Kesarkar Science College decided to celebrate it in a novel and heartwarming way.



On this special day, students had the opportunity to step into the shoes of their teachers. Each student, selected for their academic achievements and leadership qualities, took charge of a classroom for a



*Principal*  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



day. It was a chance for them to experience the responsibilities, challenges, and joys that come with teaching. The student-teachers prepared lesson plans, conducted classes, and even managed discipline in the classrooms. They appreciated the hard work and dedication required to be a teacher and gained a newfound respect for their educators. This demonstrated the strong bond between the students and their mentors. In addition to the role reversal and heartfelt gestures, the college organized a special day for all the teachers. It was a well-deserved break for them, allowing them to relax, socialize, and enjoy.



*Deepakbhai Kesarkar*  
 Principal





The Teachers' Day celebration at Amdar Deepakbhai Kesarkar Science College was a heartwarming event that brought students and teachers closer together. By experiencing a day in the life of a teacher, students gained a deeper understanding and appreciation for the hard work and dedication of their educators. About 49 Students were present during this day.

At last, the One day teachers share their experience with all. The vote of thanks made by Asst. Prof. V. M. Hodawadekar sir.



Cultural Department



*Principal*  
 Principal

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### REPORT ON

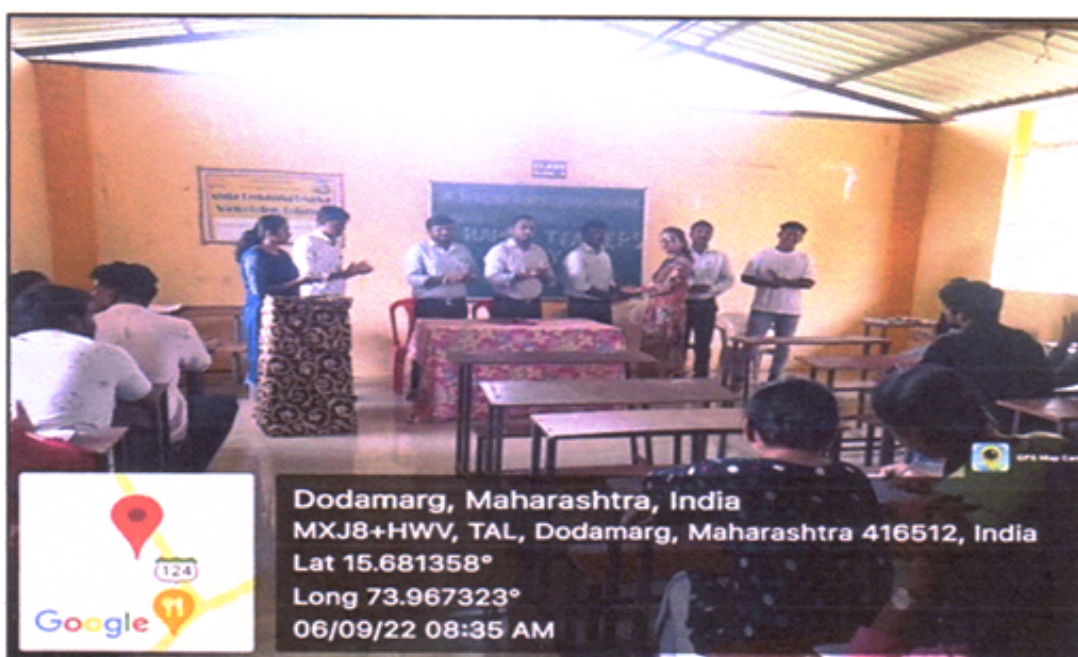
### TEACHER'S DAY CELEBRATION REPORT



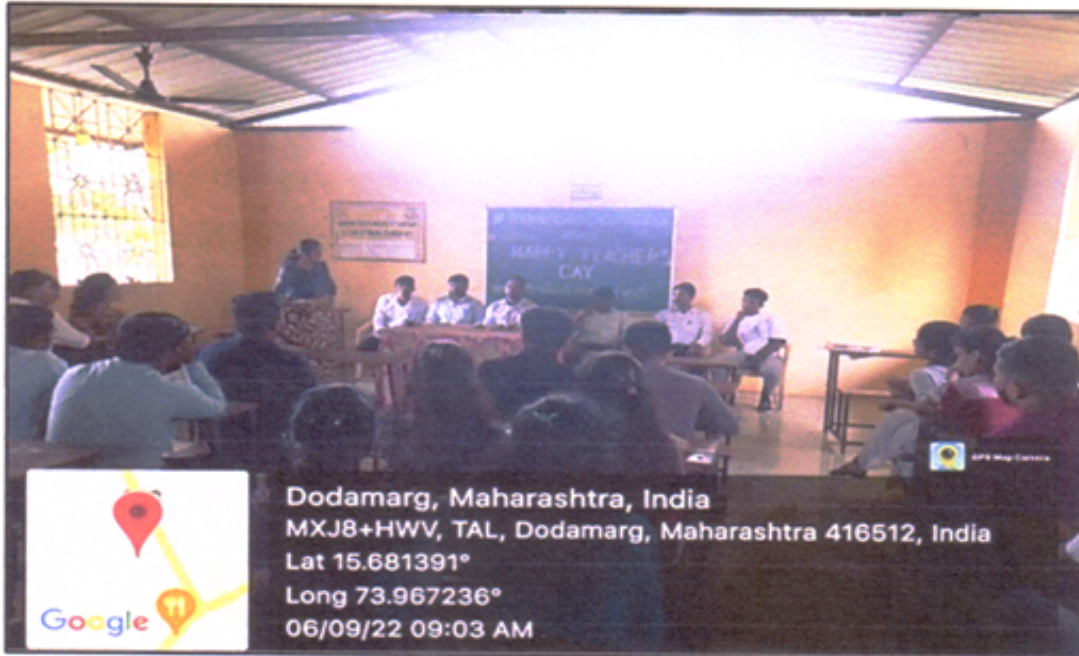
<b>Academic Year</b>	2022-23
<b>Name of the Committee</b>	Cultural Committee
<b>Name of the Event</b>	Teachers Day Celebration
<b>Date</b>	September 6, 2022
<b>Venue</b>	Lecture hall and Seminar Hall
<b>Objective</b>	Teacher's day aims to raise awareness of the importance of the role played by teachers all over the world.
<b>No. of Participants</b>	

Amdar Deepakbhai Kesarkar Science College in Dodamarg celebrated Teachers Day on September 6, 2022, at 8:30 a.m., in observance of the anniversary of the birth of Dr. Sarvepalli Radhakrishnan, India's second President. We did this to express our gratitude for our professors' commitment to guiding us toward becoming thoughtful, responsible citizens. The ceremony began with a wreath being placed in front of a picture of Dr. Sarvepalli Radhakrishnan. To express appreciation for the dedication the instructors have shown to their professional growth, each faculty received a gift along with a Happy Teachers Day greeting. The audience, which included instructors and students, was subsequently given a lecture by a student that provided a glimpse into Dr.

Radhakrishnan's life. Following this, the principal, Mr. Golase sir, addressed the entire college in a speech in which he asked students to uphold the tradition of honouring teachers and praised the entire staff for their outstanding contributions to the school's extraordinary achievement. The importance of Teachers Day was discussed by A. B. Dhenge Sir and N. M. Chougale Sir, the head of the chemistry department. Third-year students gave a thank-you speech to finish the programme.







Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug



Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug





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COLLEGE CODE - 166

### Report On Ozone Day Celebration

Academic Year	2022-23
Name of the Committee	Zoology Department and Nature club
Name of the Event	Ozone Day Celebration
Date	September 16, 2022
Venue	Seminar hall and Rally in the Dodamarg City
Objective	The main objective of this event is fixing the ozone layer and reducing climate change.
No. of Participants	

On the occasion of World Ozone Day which was celebrated on 16th September 2022 by ADK Science College Dodamarg commemorating the date on which the Montreal Protocol for the abatement of substances that deplete the ozone layer was signed in 1987 to describe the scientific overview and environmental impact or importance of ozone layer, this was explained by the key speaker. During the question-and-answer period that followed talks, the students engaged with the presenters. The ozone layer shields us from the sun's deadly ultraviolet rays. Sadly, the ozone layer is being destroyed in the name of preserving a high standard of living. The





purpose of the event was to raise awareness among the students, teachers, society, and the general public about the value of the ozone layer, the reasons for its depletion, and the negative repercussions on the earth's ecology. Global Cooperation Protecting Life on Earth is this year's subject for the UN Environment Programme's International Day for the Preservation of the Ozone Layer in 2022. Most of the dangerous UV rays from the sun are shielded from the Earth by the ozone layer. As is well known, the ozone hole, also known as an ozone layer hole, is caused by ozone depleting chemicals used in aerosols, refrigerators, air conditioners, and heaters. This breach allows damaging UV radiation to penetrate the ozone layer, which leads to human diseases like skin cancer and cataracts as well as negative effects on plant crops and the ecosystem as a whole. The following events were held as part of World Ozone Day at ADK Science College with the theme "Ozone for Life":

1. A poster-making competition was held for the purpose of showcasing student creativity and ideas.
2. An essay-writing contest to improve their writing and thinking abilities.
3. A writing contest for slogans.

Additionally, a rally was held to raise awareness for the preservation of the ozone layer in the Dodamarg market area. The competitions and rallies attracted a large number of kids who participated with enthusiasm.









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Principal  
Amdar. Deepakbai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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### REPORT ON INTERNATIONAL WOMEN'S DAY CELEBRATION

The United Nation's theme for International Women's Day 2023 is **Embrace Equity**, which is part of an ongoing effort to raise awareness around "Why equal opportunities are no longer enough." Today is a time to highlight achievements made by women, but also an opportunity to become better informed, and collaborate and brainstorm about the path forward.

The Women Cell of the Amdar Deepakbhai Kesarkar Science College, Dodamarg has organized International Women's Day on 8th March 2023 at 11.00 am in College Cultural Hall. The purpose of celebrating Women's Day was sensitization about "Gender equality and women's empowerment". The program was started with a welcome note by a girl student of T.Y B.Sc. Miss Akshada Naik followed by inviting the dignitaries on the dais. On the dais Dr. B. V. Rashivade sir as President, Guest of honour for the programme was Mrs. Rukmini Gawas, who is a Police Patil and Mrs. Sneha Desai who is an advocate. Women Empowerment coordinator Assistant Professor Miss M.M. Shet and member of Women Empowerment Assistant Professor Miss. S. B. Sutar was present. Function started by offering garland to the photo of goddess Saraswati.

All the dignitaries were welcomed by giving rose. The chief guest given Mrs. Rukmini Gawas speech on the importance of girl's presence and International Women's Day, self-employability of women, role of women in the family and society. Also given a valuable message to girl students to be brave in worst situations and be dynamic in decision



*(Signature)*  
Principal  
Amdar Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



making. Advocate Mrs. Sneha Desai emphasized the need to be conscious of their rights and assert them. She said that women should fight against the gender discrimination and help rural women to make them literate. Whenever women rights are violated by legal regulations, they must be protected by women themselves. She cited various laws that are enacted in favour of women and asked the women to utilize and protect them. Women Empowerment member Assistant Professor Miss P.V. Samarth, in her speech said that thought process of women should change and each woman should respect other woman and lastly recited poem of G. D. Madgulkar. Student from class T. Y. B. Sc, Miss Janhvi Sawant proposed vote of thanks.



Shramik Vidhyarthi Dynanaseva Sanstha's.



Amdar Deepakbhai Kesarkar Science College Dodamarg .

## International Women's Day

Wednesday, Date - 08/03/2023, Morning Time - 11.00 A.M

Guest



Hon. Mrs. Vinita Desai (Social Worker)

Hon. Mrs. Rukmini Gawas (Police Patil)

Hon. Mrs. Nisha Ghadi (Business Women)

Hon. Mrs. Sneha Desai (Advocate)

Hon. Mr. M.V. Golase  
Principal

Amdar Deepakbhai Kesarkar  
Science College, Dodamarg.

Hon. Mr. P.R. Shingte  
President

Shramik Vidhyarthi Dynanaseva Sanstha  
Kolhapur.

Organized by Women Empowerment committee



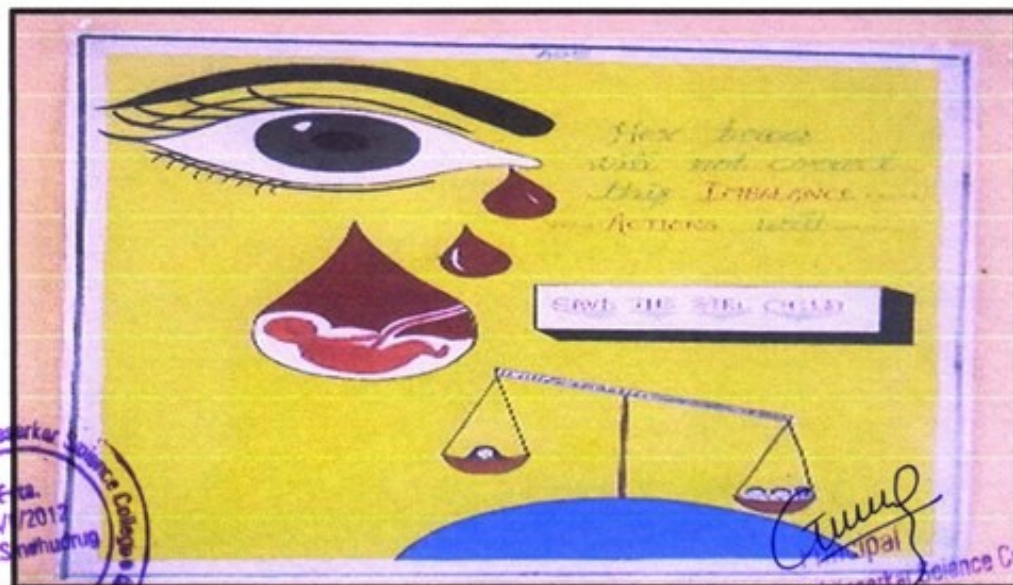
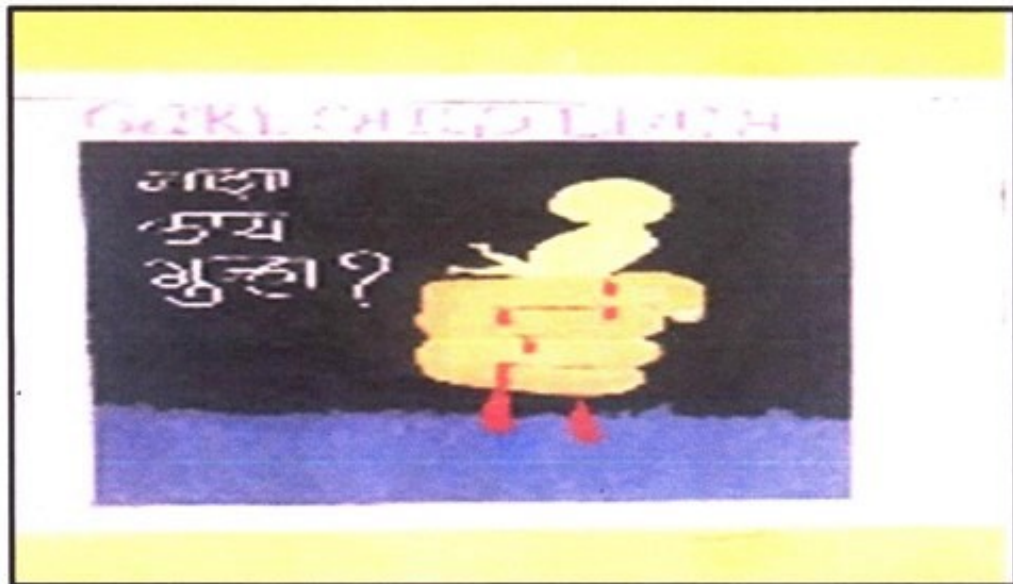
*(Signature)*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



*Ganesh*  
 Principal  
 Amdar Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





Amdar Deepalal Keshkar Science College  
Dahanu, Tal. Dahanu, Dist. Silvassa



*Principal*  
 Principal  
 Amdar Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





*Principal*  
Principal  
Science College  
Simsha, Tal. Simsha, Dist. Simsha



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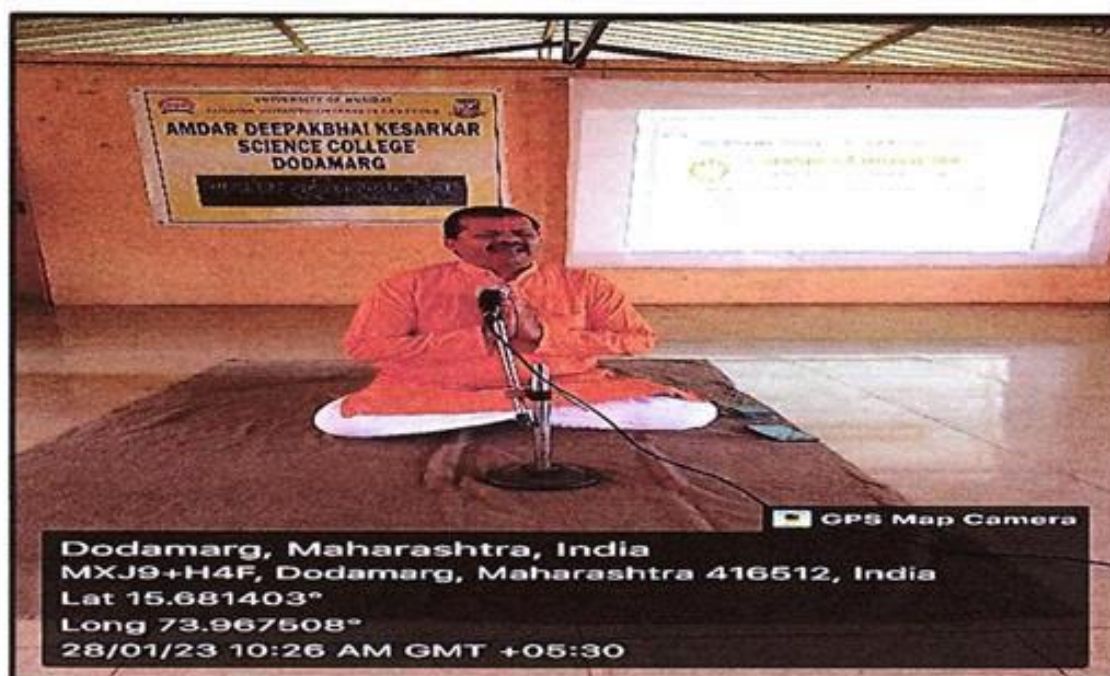
COLLEGE CODE - 166

### Report on World Suryanamskar Day

Student Welfare Committee Organized World Suryanamskar Day on 28 January 2023 with great zeal and devotion under the guidance of Assistant Prof. P. R. Desai as a Yoga Activity to present the theme. About 101 students and all teaching and non-teaching staff from college participated in the World Suryanamskar Day. On this occasion Yoga teacher Hon. Mr. Shrivankumar Rajpurohit (Patanjali Aarogyakendra, Dodamarg) guided us. They are guided us by demonstrating different steps of Suryanamskar, yoga types and health benefits of yoga.

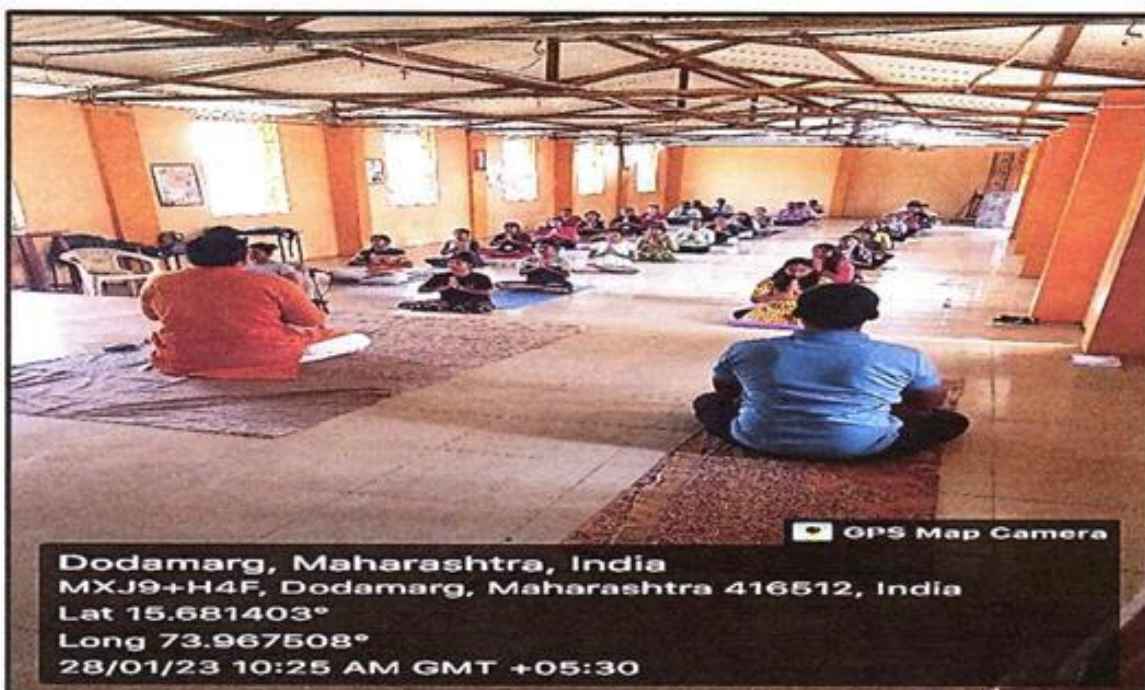
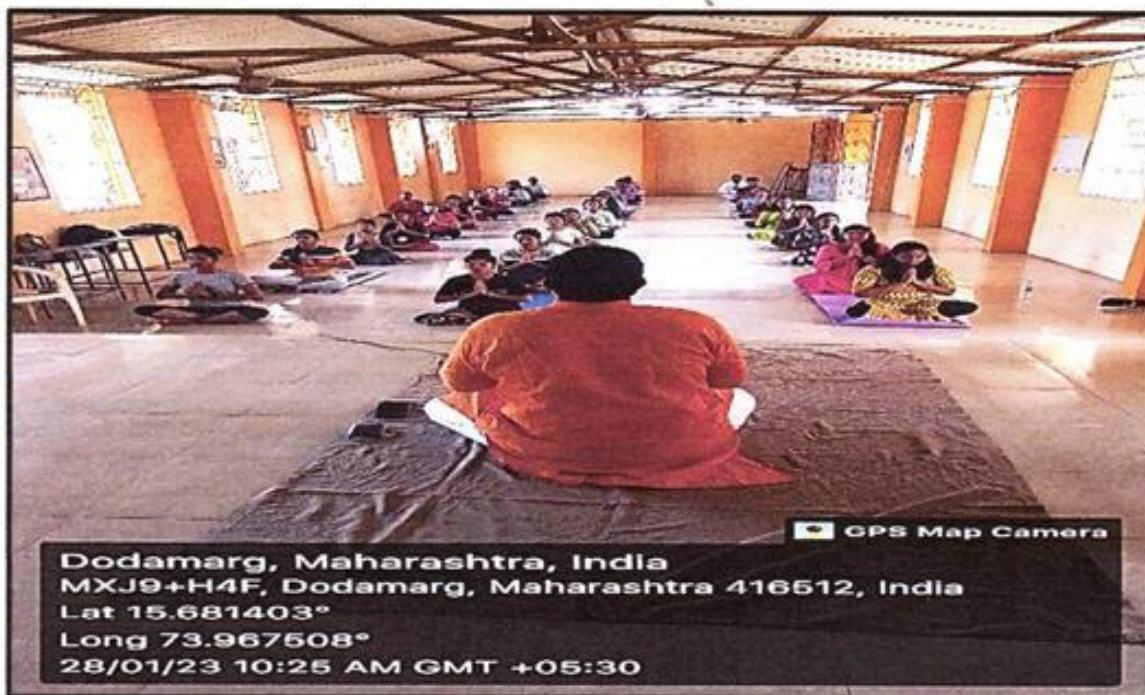
#### Physical and mental health

The Surya Namaskar tones the entire body, helps with weight loss, and strengthens muscles and joints. Practice this flow if you want to





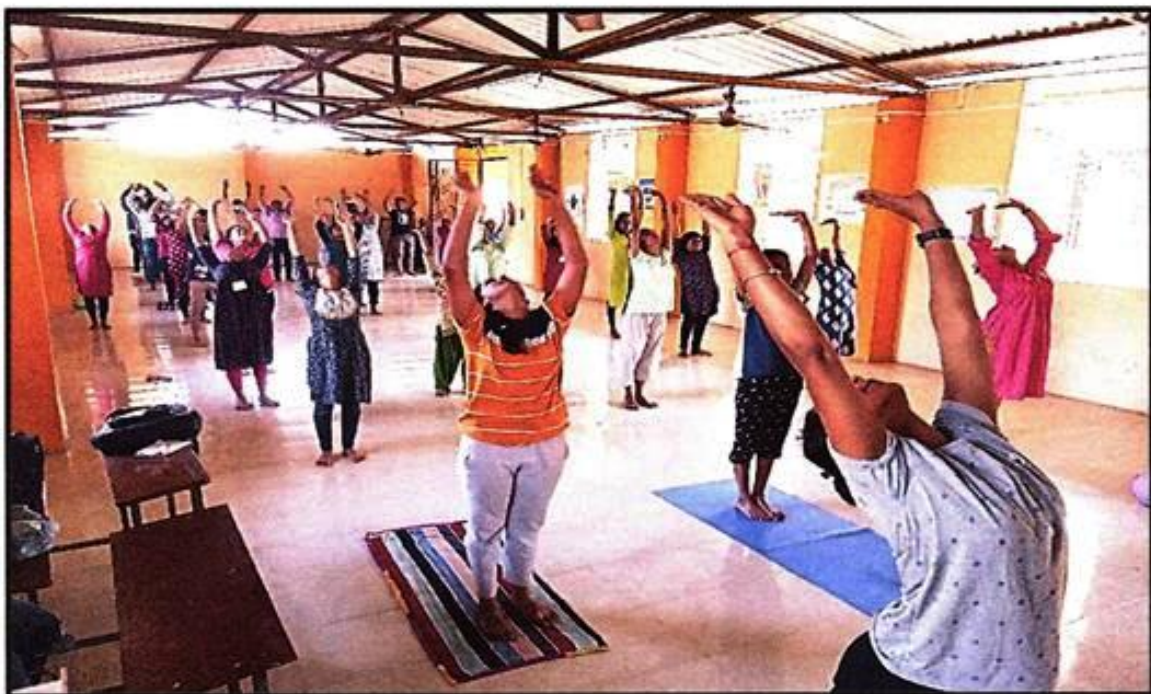
improve your complexion as it ensures a better functioning digestive system. Improve your sleep as it helps combat insomnia and reduces stress levels. This is especially beneficial for women as it ensures regular menstrual cycle. The sun salutation is also useful in treatment of frozen shoulders. It helps in weight loss, improves balance in the nervous system, reduces blood sugar levels and stimulates the manipura chakra.



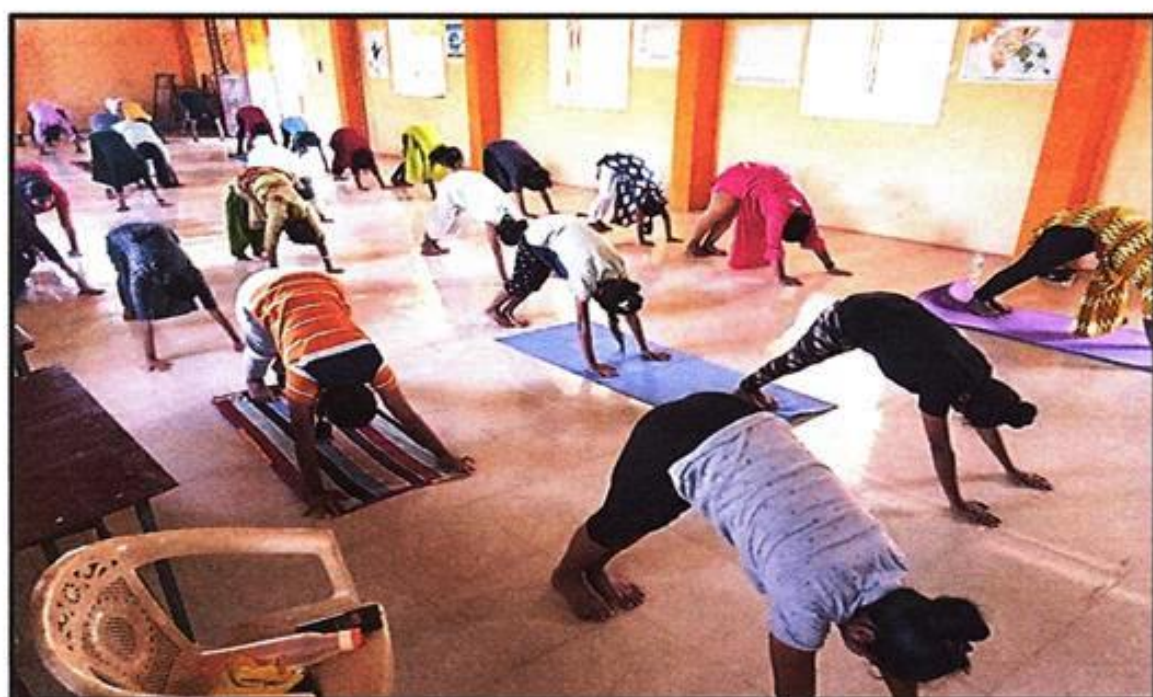


### Steps to perform Surya Namaskar

- Pranam Asana (The Prayer pose)
- Hastha Utanasana (Raised arm pose)
- Padahastasana (Standing forward bend)
- Ashwa Sanchalanasana (Equestrian pose)
- Santholanasana (Plank Pose)
- Ashtanga Namaskar Asana (Eight limbed salutation)
- Bhujangasana (Cobra pose)
- Adho Mukha Svanasana (Downward dog pose)
- Ashwa Sanchalanasana (Equestrian pose)
- Padahastasana (Standing forward bend)
- Hastha Uthanasana
- Pranam Asana









### **Benefits of Surya Namaskar:**

- Improved complexion
- Ensures a better functioning digestive system
- Helps with weight loss
- Strengthens muscles and joints
- Helps combat insomnia
- Ensures regular menstrual cycle
- Useful in treatment of frozen shoulders
- Spinal cord and abdominal muscles are stretched
- Internal organs are massaged
- Improves flexibility of the hips
- Stimulates the Manipura Chakra





- Improves balance in the nervous system
- Reduces blood sugar levels
- Reduces stress levels
- Tones the entire body
- Improves digestion and reduces constipation
- Eliminates stomach ailments
- Promotes balance between both sides of the body



*Andar*  
Principal

Andar, Deepakchar Kesarkar Science College,  
Dodamarg, Tal.Dodamarg, Dist.Sindhudurg



SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

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EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### Report On International Women's Day

On March 9, 2024, Amdar Deepakbhai Kesarkar Science College celebrated International Women's Day with great enthusiasm and reverence. The event commenced at 10:00 AM, with a ceremonial homage to the late Savitribai Phule, a pioneering figure in women's education in India. A framed photograph of Phule was displayed prominently, symbolizing the struggles and achievements of women throughout history. Additionally, a poojan of the Devi Saraswati murti was conducted by our college clerk, Miss P. P. Bagdi, reflecting the celebration's emphasis on knowledge and empowerment.

The program was inaugurated with an introductory speech by Miss A. E. Shekar, who highlighted the significance of International Women's Day as a platform to recognize the achievements of women across various fields. She emphasized the importance of women's empowerment and the need for continued efforts towards gender equality.

The event was anchored by Miss S. B. Sutar, who guided the audience through the program seamlessly. The highlight of the celebration was a series of inspiring speeches delivered by third-year female students. They shared stories and achievements of remarkable Indian women across diverse sectors such as sports, politics, and entertainment. The students paid tribute to these achievers, shedding light on how their contributions have shaped contemporary society and inspired future generations.

The celebration not only honored past accomplishments but also encouraged students to aspire towards breaking barriers and



*Principal*  
Amdar Deepakbhai Kesarkar Science College  
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challenging societal norms. It served as a reminder of the ongoing journey toward equality and empowerment for women everywhere.

Overall, the International Women's Day celebration at Amdar Deepakbhai Kesarkar Science College was a successful event, fostering a spirit of appreciation and inspiration among students and faculty alike. The engagement and enthusiasm shown during the program were testaments to the college's commitment to promoting gender equality and celebrating women's achievements.



*Principal*  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





Anand Deepakshai Kasarkar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### REPORT ON INTERNATIONAL YOGA DAY CELEBRATION

<b>Academic Year</b>	2022-23
<b>Name of the Committee</b>	Sport Committee
<b>Name of the Event</b>	International Yoga Day
<b>Date</b>	June 21, 2022
<b>Venue</b>	Seminar hall
<b>Objective</b>	To promote the adaption of lifestyle pattern and choices that leads to good health with yoga.
<b>No. of Participants</b>	

The Amdar Deepakbhai Kesarkar Science College in Dodamarg celebrated International Yoga Day on June 21, 2022, with great enthusiasm and participation from students and faculty. The event aimed to promote the practice of yoga for physical, mental, and spiritual well-being. The celebration commenced with the inaugural ceremony, graced by the esteemed presence of Mr. M. V. Golase, who officially inaugurated the event. Mr. Golase emphasized the importance of yoga in leading a balanced and healthy lifestyle. He highlighted the ancient roots of yoga and its relevance in the modern world, encouraging



students to incorporate yoga into their daily routine for holistic development. Following the inauguration, Mr. N. M. Chaugale delivered an insightful speech on the significance of International Yoga Day. He elaborated on the history of yoga and its positive impact on physical and mental health. Mr. Chaugale emphasized how yoga fosters inner peace, concentration, and stress management, essential attributes for academic and personal success. After the inspirational speeches, the main highlight of the event unfolded with a yoga session led by experienced instructors. The session catered to students of all levels, providing an opportunity for beginners to learn the basics and for experienced practitioners to deepen their practice. The yoga session aimed to introduce participants to various asanas, pranayama, and meditation techniques, promoting flexibility, strength, and mental clarity.

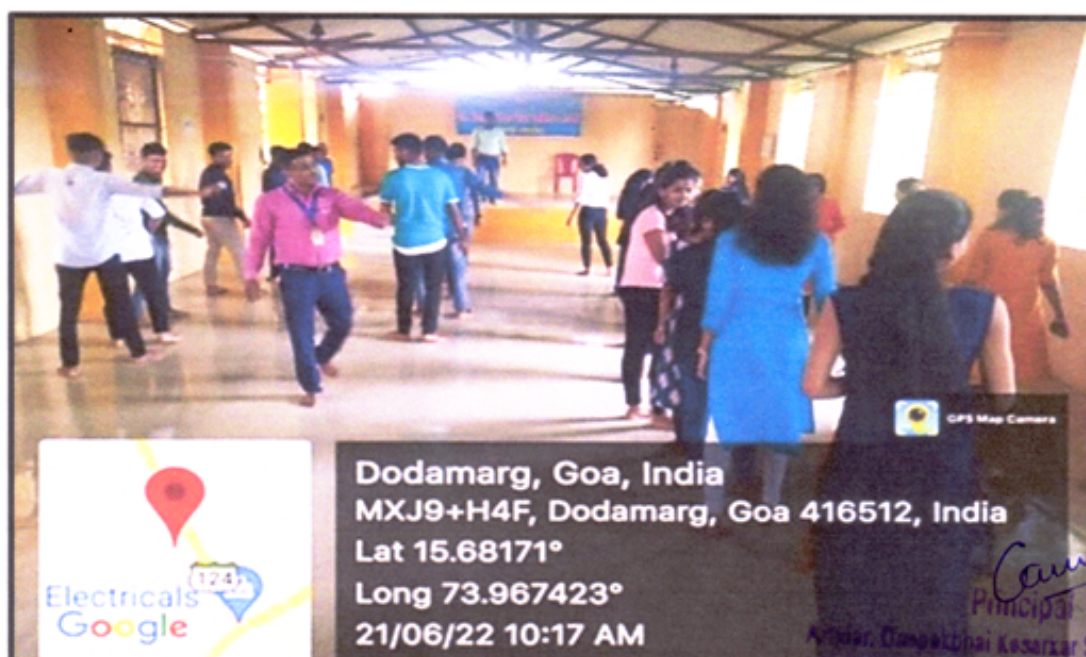
The event witnessed active participation from students, faculty, and staff, fostering a sense of unity and well-being within the college community. The serene atmosphere and picturesque surroundings of Dodamarg added to the overall experience, creating a conducive environment for mindfulness and self-reflection. The college administration expressed gratitude to Mr. M. V. Golase and Mr. N. M. Chaugale for their valuable contributions to the success of the International Yoga Day celebration. The event concluded with a sense of accomplishment, leaving a lasting impact on the participants, inspiring them to continue incorporating yoga into their daily lives.

The Amdar Deepakbhai Kesarkar Science College remains committed to promoting holistic well-being and plans to continue organizing such





events to encourage the practice of yoga among its students and faculty in the years to come.



*Camf*  
Principal  
Anwar, Dhanpalbhai Kesarwar Science College  
Dodamarg, Tal.Dodamarg, Dist.Sindhudrug





*Amr*  
Principal

Amr. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg







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( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

ESTD. - 2012

TEL. NO. - 02363 256755

COLLEGE CODE - 166

### Report On

### Gandhi Jaynathi Celebration with Swatch Bharat Abhiyan

Academic Year	2022-23
Name of the Committee	Cultural Committee and DLLE
Name of the Event	Gandhi Jaynathi with Swatch Bharat Abhiyan
Date	October 2, 2022
Venue	College Campus and Seminar Hall
No. of Participants	

. Swatch Bharat Abhiyan programme and cleanliness drive along with campaigning was organised in ADK Science College Dodamarg on 2nd October 2022 to improve the quality of life in rural areas through cleanliness and personal hygiene.

### **OBJECTIVE:**

To contribute in Swachh Bharat Abhiyan activity, undertake cleanliness drive and organize rally and campaigning in the surrounding area.

The Swachh Bharat Mission (SBM) launched on October 2, 2014 aims to reduce open defecation in India. The SBM aims to construct 11 crore toilets, to be able to achieve its goal.

Swachh Bharat Abhiyan is a five year long cleanliness campaign launched by the Government of India on 2<sup>nd</sup> October 2014. The campaign was aimed for making the streets, roads and offices along with the clean surrounding from filth and garbage.

*(Signature)*  
Principal  
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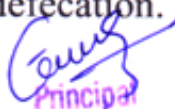
One of the main objectives of the drive is to make India Open Defecation Free (ODF). The campaign also targets raising public awareness about cleanliness through rigorous media campaigns and to institute door to door garbage collection in rural/urban household and ensuring its safe disposal.

### **Importance of Swachh Bharat Abhiyan:**

Swachh Bharat Mission is very important considering the condition of sanitation, cleanliness and hygiene in India. Millions of deaths in India have been reported in previous years due to diseases resulting from poor sanitation and hygiene. Also, people were not fully aware of the need for cleanliness and its impact on their health and social life. Every urban/rural Indian household as well as offices were generating a good quantity of waste every day. This waste was either being accumulated or was strewn on streets in the absence of proper collection and disposal mechanism. It is very important to make people aware of the nuisance caused by open defecation and also to strengthen the local bodies for proper door to door efficient collection of waste and its proper disposal. To reduce the spread of contagious diseases which causes due to poor sanitation facilities, open defecation and garbage collection at various places.

### **Swachh Bharat Mission in Dodamarg Taluka:**

The project Swachh Bharat Abhiyan aims for creating awareness among the villagers and motivating panchayats to participate actively in the cleanliness drives and campaigns. In the Dodamarg taluka ADK Science college have organized cleanliness drive in the college campus and also in the vicinity of the college, after this SBA committee also conducted campaign and rally in the market area to spread the awareness and importance of SBA among the local people about hygiene at personal and public places, how to maintain cleanliness at public places and benefit of reducing open defecation.

  
Principal  
Dr. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindkhednagar





## **Why India Needs Swachh Bharat Abhiyan:**

Swachh Bharat Abhiyan is a much needed initiative by India, as poor state of cleanliness in the country could be directly linked to high infant mortality and degrading health conditions. Poor hygiene and cleanliness is causing maximum number of infant deaths in the country. Moreover, there is a direct link between poor sanitation and life threatening diseases like cholera, diarrhoea and typhoid etc.

## **Objectives of Swachh Bharat Abhiyan:**

The various objectives stated under the Swachh Bharat Abhiyan are listed in bulleted points below-

- Improving the quality of life in rural areas through cleanliness and personal hygiene.
- To make India free of open defecation within five years.
- To construct toilets in rural areas.
- To encourage private sectors for making capital expenditure in the project or into the operational and maintenance cost.
- To convert unsanitary toilets into the toilets with flush.
- Create awareness among communities towards sanitation and cleanliness.
- To bring about behavioral changes in the people towards sanitation and hygiene.
- Motivating the communities for adopting a proper sanitation model for better health and life.
- To tell people how sanitation is linked to their overall health and happiness.
- To encourage and acknowledge new technological innovation in the field of sanitation or cleanliness.
- To rope in proper support from eminent personalities and notable public figures to raise awareness among the people.
- To devise a proper, door to door, waste collection and disposal system, both in villages as well as urban areas.

*Principal*  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



- To make necessary changes in the local bodies in order to strengthen their functions and efficiency.
- To ensure proper availability of water in rural areas through a network of pipes.
- To construct separate toilets for boys and girls in all the schools throughout the country.
- To provide clean drinking water in all the schools and also to ensure availability of toiletries like soap etc.
- To provide proper toilets at all the anganwadis in the country.



*Cause*  
Principal

Amtdar. Deepakohai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg







Principal  
Amdar. Deshpakhai Kesarkar Science College  
Dodamary, Tal.Dodamary, Dist.Sindhudurg





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( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### **Report On Blood Checkup Camp**

<b>Academic Year</b>	2022-23
<b>Name of the Committee</b>	Zoology department
<b>Name of the Event</b>	Blood check-up camp
<b>Date</b>	October 6, 2022
<b>Venue</b>	Lecture Hall
<b>Objective</b>	The main objective of the camp was to raise mass awareness about health and importance of regular check-up.
<b>No. of Participants</b>	

A significant health initiative was undertaken by the Zoology Department of Aamdar Deepakbhai Kesarkar College, aimed at promoting the well-being of students and staff. The event, a Blood Checking Camp, was conducted in collaboration with the Primary Health Center in Morgaon Dodamarg. The initiative was conducted on October 6, 2022, with the active participation of faculty members and students.

#### **Program Highlights:**

**Blood Sampling:** Trained nurses from the Primary Health Center were present at the venue to collect blood samples from both students and teachers. The process was carried out with precision and care to ensure minimal discomfort to the participants.

#### **Medical Tests:**

The collected blood samples were subjected to a range of medical tests to assess various health parameters. These tests aimed to detect any





potential health issues and provide valuable insights into the overall well-being of the participants.

### **Presence of Dignitaries:**

The event witnessed the esteemed presence of Dr. S. V. More, Head of the Zoology Department, and Dr. G. S. Marjag, Associate Professor from SPK College Sawantwadi. Their active involvement and encouragement added a sense of significance to the health initiative.

### **Educational Awareness:**

Alongside the health checkup, educational awareness sessions were conducted to enlighten participants about the importance of regular health checkups, preventive measures, and the significance of maintaining a healthy lifestyle.

### **Participant Involvement:**

The program received an overwhelming response from both students and teachers. The active participation demonstrated the awareness and importance placed on health and wellness within the academic community.

### **Conclusion:**

The Blood Checking Camp organized by the Zoology Department at Aamdar Deepakbhai Kesarkar College, in collaboration with the Primary Health Center, was a commendable initiative promoting the health and well-being of the academic community. The successful execution of the program, with the support of faculty members and participation from students and teachers, highlights the commitment of the institution towards fostering a healthy and aware academic environment.

This event not only addressed immediate health concerns but also served as a platform for fostering a culture of health consciousness and regular health checkups among the participants. Such initiatives play a crucial role in ensuring the holistic development and welfare of the academic community.





*Amr*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



## Blood Donation Camp











सेवा पंथखडा १० सप्टेंबर ते २ ऑक्टोबर २०२२

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हा दिवस पुणेकरा

भारतीय जनता पार्टी, दोडमार्ग  
आयोजित

रक्तदान शि

UNIVERSITY OF MUMBAI  
SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

AMDAR DEEPAKBHAI KESARKAR  
SCIENCE COLLEGE  
DOPAMARG





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DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### CULTURAL DEPARTMENT

Date: - 03-01-2024

#### **Amdar Deepakbhai Kesarkar Science College Dodamarg celebrated the Savitribai Phule Jayanti**

Amdar Deepakbhai Kesarkar Science College Dodamarg celebrated the Savitribai Phule Jayanti by organizing a debate competition. The occasion paid tribute to the pioneering social reformer, but it also provided a platform for students to engage intellectual discourse.



The debate competition organized by Amdar Deepakbhai Kesarkar Science College on the occasion of Savitribai Phule Jayanti



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Amdar Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



was fostered intellectual growth among participants but also underscored the college's commitment to nurturing informed and responsible citizens. The insightful discussions on diverse topics reaffirmed the importance of critical thinking, empathy, and constructive dialogue in addressing complex societal issues.



**Digital Privacy vs. National Security:** Participants critically analyzed the balance between encryption and state access, referencing recent global events and technological advancements.

**Climate Change Policies:** With increasing environmental concerns, students debated the efficacy and challenges of implementing policies to combat climate change. The discussion touched upon global cooperation, sustainable practices, and the role of governments in fostering a green economy.

**Globalization vs. Protectionism:** The debate on globalization versus protectionism explored the merits and drawbacks of open markets versus safeguarding domestic industries. Participants examined economic implications, cultural exchange, and geopolitical considerations in the era of interconnected economies.



  
Principal  
Amder. Deepakbhai Kesarkar Science College  
Dodamarg, T.D. Dodamarg, Dist. Sindhudurg





**Women Empowerment:** Recognizing the significance of Savitribai Phule's contributions to women's education and empowerment, this topic resonated with the college's ethos. Participants discussed strategies to promote gender equality, enhance women's participation in leadership roles, and address societal challenges hindering women's progress.



*Principal*  
Amdar, Deepakbhai Keshkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Singhbhadra



**Reservation:** The debate on reservation delved into the contentious issue of affirmative action in educational institutions and employment sectors. Participants critically assessed the efficacy, equity, and implications of reservation policies, considering both historical context and contemporary relevance.

The event concluded with a vote of thanks to all participants, faculty members, and organizers for their contributions in making the debate competition a memorable experience for everyone involved. About 95 students of the college, teaching & non-teaching staff present actively. The vote of thanks made by Asst. Prof. A. A. Sinari sir.



  
Convener  
Cultural Department

  
Principal  
Amdar, Deepak  
Dadama, Tal. Dadar, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

[ AFFILIATED TO UNIVERSITY OF MUMBAI ]

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### **One page report on Millet Mission**

Our Amdar Deepak Bhai Kesarkar Science College Dodamarg and Taluka Agriculture Department Jointly Organized National Millet Mission Program on 09 / 02 / 2023 at our college. The opening ceremony of the program is completed in presence of city Mayor Mr Chetanji Chavan, Taluka Agriculture Officer Mr. P. D. Bankar sir, Sindhudurg Millet Mission Officer Mr Patil sir and our college principal Mr. M V Golase Sir and our CDC member Mr. Baburao Dhuri sir also some respected dignitaries to grace our events by their presence.

This program organized by the IQAC and Agriculture department for engaging the college students with society. Today most of the youngsters are follow heavy diet by preferentially packed and junk food. These foods affects the human health and hygiene. The India was continuously tried to celebrate world millet year by the UNESCO from 2016, now the UNESCO announced 2023 is celebrated as Millet mission year. To support our nation and aware our students about their liabilities for biodiversity conservation, problem solving skill, health and hygiene social responsibilities and patriotism we organize this program. Also some millets like Nachani, Rajgira, Bhagar, etc have cropped by the farmers of the Dodamarg tehsil on their personal need. To encourage and aware farmers about importance of millet in diet and to increase the yield of crop to get economic benefits.

Through this program we inculcate the importance of biodiversity conservation in the Dodamarg. Despite students have knowledge about the diet but organization of such program for students to give more emphasis on Indian knowledge system about their dietary importance? Hope the students are aware about the cultivation, conservation and importance of millet in diet. A total of 41 students of the college benefited from the programme and students interacted with farmers and agriculture officers of Dodamarg taluka.











*Savherge*  
 IQAC Coordinator,  
 A.D.K. Science College  
 Dodamarg.



*Principal*  
 Principal  
 Amdar, Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S.)

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### One page report on Ranbhaji Mahotsav

We and tehsil krushi department jointly organized **Ranbhaji Mahotsav** at pimpaleshwar hall Dodamarg on 24th august 2023 at 10.00pm. The program was start at morning 10.30 with felicitation of dignitaries on dies also the farmers who has successful in the new areas of farming are felicitated. The chairperson of the program was Mr. Chetan chavan mayor of the Dodamarg city and chief guest is Patil sir divisional krushi officer sawantwadi along with the tehsil krushi officer Dodamarg, and principal Amdar Deepakbhai Kesarkar science college Dodamarg are attend the program. After the felicitation ceremony, the keynote speakers presented their thoughts. Then farmers and our college students had an exhibition of dishes made from wild vegetables. Minister of education hon. Deepakbhai Kesarkar visited and wished the organizers as well as all the participants. This program was attended and visited by farmers, students and citizens from nearby Dodamarg city.

Our college students are participated in this Programme by making different dishes of wild foods. However, students are engaged in the program they are also get information from the other participants about their recipes natural Habitat cultural importance. Our aim behind implementing this activity was to make students, farmers and society aware of the importance of the environment around us and through this the balance of the environment should be achieved.

Through this program we will success in the inculcating scientific temperament in student as well as in farmer. Students know the actual problems in the field of agriculture, marketing skills of farmer, transport. They know the importance of wild vegetables in the diet and aware produce in the society. How to maintain the biodiversity in this area and take advantage of ecofriendly nature. Students also know the different recipes to cook a same vegetable in different way. Total 37 number of student's & 35 farmers and visitors are benefitted by this activity.











*S. S. S. S.*  
 IQAC Coordinator,  
 A.D.K. Science College  
 Dodamarg.



*Deepakbhai*  
 Principal  
 Amdar Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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**AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE**

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

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TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

## **Department of Lifelong Learning and Extension**

### **Report on Presentation on Eco-Friendly Ganesh Festival at Parent Meeting**

Date- 15/09/2023

#### **Introduction:**

In an effort to promote environmental awareness and sustainable practices, a student delivered a presentation on the importance of an eco-friendly Ganesh festival during a parent-teacher meeting.

#### **Presentation Highlights:**

##### **1. Introduction to Ganesh Festival:**

The student began by introducing the significance of the Ganesh festival in Indian culture, emphasizing its popularity and importance among families. They highlighted how it traditionally involves the worship of Lord Ganesha with elaborate decorations, idols, and celebrations.

##### **2. Environmental Concerns:**

The presentation then shifted its focus on the environmental concerns associated with the traditional way of celebrating Ganesh Chaturthi. The student explained how the immersion of idols made of non-biodegradable materials, along with chemical-laden paints and decorations, can harm water bodies and ecosystems.

##### **3. Eco-Friendly Alternatives:**

The student discussed various eco-friendly alternatives that can be adopted to celebrate Ganesh Chaturthi while minimizing





environmental impact. This included using clay idols, natural colours, and sustainable decorations made from recyclable materials.

#### 4. Personal Responsibility:

The presentation emphasized the role of each family and individual in making a positive change. The student encouraged parents to take personal responsibility for ensuring their celebrations are eco-friendly and sustainable.

#### 5. Community Initiatives:

The student highlighted successful examples of communities and neighbourhoods that have come together to celebrate an eco-friendly Ganesh festival. This included communal immersion of clay idols in artificial ponds, reducing pollution of natural water bodies.

#### Conclusion:

The student's presentation on eco-friendly Ganesh festival celebrations during the parent meeting was a valuable initiative in promoting environmental consciousness. It had not only raised awareness but also inspired parents to consider alternative, sustainable practices in their celebrations. This underscores the importance of involving 62 students in promoting eco-friendly initiatives and engaging parents in discussions about sustainable living.





*महेश्वरी*  
 EXTENSION WORK TEACHER  
 D.L.L.E.

Amdar Deepakbhai Kesarkar Science College,  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



*Coram*  
 Principal

Amdar Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S.)

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### ACTIVITY REPORT

NAME OF ACTIVITY	:	Election literacy rally
DEPARTMENT / SCHEME	:	Department of lifelong learning and extension
COLLABORATING AGENCY	:	Tehsil Office Dodamarg
DATE	:	25 Jan 2024
TIME	:	9.00 am
CHIEF GUEST	:	Mr. Yamgar Sir (Tahsildar Dodamrg)
OBJECTIVES	:	<p><b>Increase Voter Participation:</b> The primary objective of election literacy rallies is to increase voter turnout by educating citizens about the importance of their vote and how to exercise it effectively. This includes informing them about voter registration processes, polling locations, and voting methods.</p> <p><b>Strengthen Democracy:</b> The goal of election literacy rallies is to strengthen democracy by ensuring that all citizens have the knowledge and resources they need to participate fully and effectively in the</p>



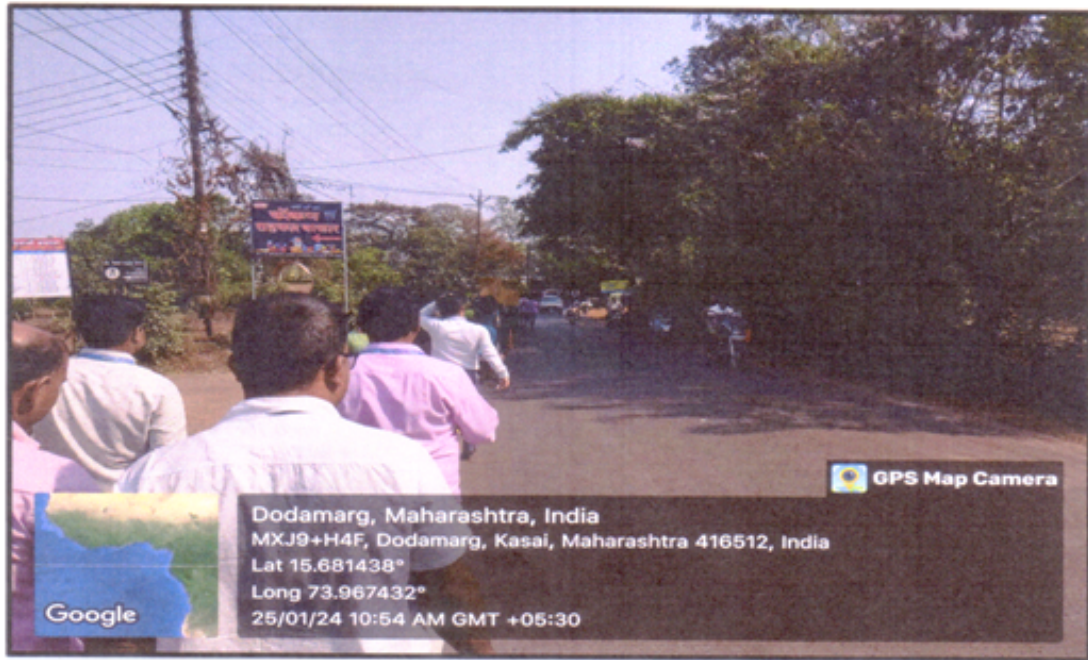
	electoral process. This contributes to a more representative and responsive government that reflects the will of the people.
<b>OUTCOME</b>	<p>Increased awareness among attendees about their voting rights and responsibilities.</p> <p>Foster a sense of civic responsibility and</p> <p>: encourage active participation in democracy beyond the ballot box.</p> <p>Mobilization of citizens to register to vote and participate actively in the electoral process.</p>
<b>ORGANISING COMMITTEE</b>	<p>Asst. Prof. Mr. M. S. Patil</p> <p>Asst. Prof. Mr. P. R. Desai</p> <p>: Asst. Prof. Mr. V. M. Hodawadekar</p> <p>Mr. Pratik Gawas (G.S)</p> <p>Miss Vaishnavi Betkekar (Student Manager)</p>
<b>NO. OF STUDENTS PARTICIPATED</b>	: 89











*[Signature]*  
 EXTENSION WORK TEACHER  
 D.L.L.E.

**Co-Ordinator**  
 Amdar Deepakbhai Kesarkar  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudrug



*[Signature]*  
**Principal**

Amdar. Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudrug





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TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### Department of Lifelong Learning and Extension

#### Report on Senior Citizens Day

Date-01/10/2023

Senior Citizens Day activities completed by Kasai Dodamarg Nagar Panchayat Dodamarg.

Senior citizen day and one hour cleanliness activities were implemented through Kasai Dodamarg Nagar Panchayat. Under the Government of India's Swachh Bharat Abhiyan, the fortnight of cleanliness is being celebrated across the country. Under this initiative, Sindhudurg District Senior Citizen Service Union, Dodamarg English School Dodamarg, through Kasai Dodamarg Nagar Panchayat. This activity was implemented in association with Deepakbhai Kesarkar Science College Dodamarg and Apala Dawakhan Dodamarg. Through this campaign awareness was created about waste free India. Schools and Colleges in Kasai Dodamarg city are notable in the one-hour cleanliness programme Cleanliness campaign was implemented in Dodamarg Rural Hospital. Mhavlankarwadi Ward via Industrial Training Institute Dodamarg, Kelicha Temb Ward via Laxmibai Halbe College, Amdar Deepakbhai Kesarkar Science College through Dodamarg, Gadewadi Ward,

Dodamarg English School through Dodamarg, Sawantwada Rashtoli Temple and Sawantwada Rural Hospital premises and Omkar Colony Wards were cleaned through our dispensary. Senior citizens Mayor Chetan Chavan, Women's Child Welfare attended the event. On the occasion of the day, senior citizens of the city were given a free health check-up at Dodamarg Rural Hospital through our clinic. The program was chaired by Nagar Panchayat Health and Education



Chairperson Mrs. Conducted under the guidance of Gauri Parsekar. The program was moderated by Bamanikar, teacher of Dodamarg English School. Chairman Ms. Jyoti Jadhav, corporator Mrs. Sanjana Mhavlankar, corporator Mrs. Dr. Swarali Gavas, our clinic is from Dodamarg. Tejal Gavas, Sindhudurg District Senior Citizen Service Association Dinkar Ugwekar, Baburao Waghmode, other senior citizens as well as Dodamarg English School and Amdar Deepak Bhai Kesarkar Science college 70 students, teachers and Nagar Panchayat committee were present.



## कसई दोडामार्ग नगरपंचायतीमार्फत स्वच्छता व ज्येष्ठ नागरिक दिवस उपक्रम संपन्न

दोडामार्ग (प्रतिनिधी) :

कसई दोडामार्ग नगरपंचायत मार्फत ज्येष्ठ नागरिक दिवस व एक तास स्वच्छतेचा हे उपक्रम राबविण्यात आले. भारत सरकारच्या स्वच्छ भारत अभियान अंतर्गत संपूर्ण देशात स्वच्छता होय मेवा हा पंधरवाडा साजरा केला जात आहे. या उपक्रमांतर्गत कसई दोडामार्ग नगरपंचायत मार्फत सिंधुदुर्ग जिल्हा ज्येष्ठ नागरिक सेवा संघ, दोडामार्ग इंग्लिश स्कूल दोडामार्ग, आ.दि.पे.क.भाई केसरकर विज्ञान महाविद्यालय दोडामार्ग व आपला दवाखाना दोडामार्ग यांच्या संयुक्त विद्यमाने हे उपक्रम राबविण्यात आले.

या अभियानातून कचरामुक्त भारत याचाच जनजागृती करण्यात आली. एक तास स्वच्छतेचा कार्यक्रमामध्ये कसई दोडामार्ग शहरातील शाळा व महाविद्यालयांमधील विद्यार्थ्यांनीय



दोडामार्ग ग्रामीण रुग्णालयात स्वच्छता मोहीम राबविण्यात आली. (छात्रा प्रवृत्ति परब)

सहभाग घेऊन, औद्योगिक प्रशिक्षण संस्था दोडामार्ग मार्फत महावृद्धाकरवाडी प्रभाग, लक्ष्मीबाई हळद्वे कॉलेज मार्फत केवळीचे टेब प्रभाग, आ.दि.पे.क.भाई केसरकर विज्ञान महाविद्यालय दोडामार्गमार्फत गावडेवाडी प्रभाग, दोडामार्ग इंग्लिश स्कूल दोडामार्ग मार्फत सावनेवाडा राप्तीवाडी मंदिर व सावनेवाडा ग्रामीण रुग्णालय परिसर व आपला दवाखाना मार्फत ओमकार कॉलेजी प्रभागांशी सातत्यासाठी करण्यात आली. ज्येष्ठ नागरिक

दिनांमिळित शहरातील ज्येष्ठ नागरिकांची आपला दवाखाना मार्फत दोडामार्ग ग्रामीण रुग्णालय येथे मोफत आरोग्य न्याय्यता करण्यात आली. सदर कार्यक्रम नगरपंचायत आरोग्य व शिक्षण सभापती मी. सौरी घावेकर यांच्या मार्गदर्शनाखाली आयोजित करण्यात आला. कार्यक्रमाचे सूत्रसंचालन दोडामार्ग इंग्लिश स्कूलचे शिक्षक सामंतीकर यांनी केले.

कार्यक्रमाचा नगराध्यक्ष पेंशन यज्ञाण, महिला बालकल्याण

सभापती मी. ज्योती जाधव, नगरस्थीविका मी. संजना महावृद्धाकर, नगरस्थीविका मी. स्वराती गवस, आपला दवाखाना दोडामार्गचे डॉ. तेजल गवस, सिंधुदुर्ग जिल्हा ज्येष्ठ नागरिक सेवा संघ दिनकर इरवेकर, कावूरवाघ घावेमोडे, इतर ज्येष्ठ नागरिक तसेच दोडामार्ग इंग्लिश स्कूल व आ.केसरकर विज्ञान महाविद्यालय शिक्षकांच्या आणि कच नगरपंचायतचे कर्म उपस्थित होते.

EXTENSION OFFICER  
D.L.E.

Amdar Deepakbhai Kesarkar Science College,  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



Principal

mar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

## AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### Report on Campus Cleaning

Date- 22/08/2023

### Department of Lifelong Learning and Extension

Activity : Campus and Ground Cleaning

Objective of Activity : To Run Cleanliness Drive in Campus

Time: 1.00 p.m. to 3:00 p.m.

Agenda of the activity:

1. To clean campus and ground for school & college students.
2. To Promote Swatch Bharat Abhiyan.
3. To Develop attitude among the students for Cleanliness.

Execution:

The Volunteers from T. Y. B. Sc. and S. Y. B. Sc. class had participated in this activity. This groups were divided among themselves some of them involved in collecting waste and cleaning the same, whereas some carried out the grass clearing which was covered on ground due to rainy days. Along with this the volunteers also paid attention towards the waste management, for that they called the garbage collecting truck of the municipality in our college. This activity was successfully conducted by 70 DLLE volunteers.

Outcome:

1. Made ground ready for sport and other activities.
2. The whole grass from ground is cleaned successfully.



3. There was an increase in the unity and harmony among the DLLE volunteers towards Swatchta Abhiyan.
4. Students understood the importance of cleanliness in their regular life.







EXTENSION OFFICER  
 D.L.L.E.

Amdar Deepakbhai Kesarkar Science College,  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



Principal

Amdar Deepakbhai Kesarkar Science College,  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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ESTD. - 2012

COLLEGE CODE - 166

## **Department of Lifelong Learning and Extension**

### **Report on College Student-Led Temple Cleaning**

#### **Initiative in Kasai**

Date - 29/08/2023

#### **Introduction:**

In an endeavour to promote community engagement and uphold the cultural significance of the Kasai Temple, a group of college students initiated a temple cleaning drive.

#### **Objectives:**

**Preserve Cultural Heritage:** Recognize and uphold the cultural heritage of Kasai by maintaining the cleanliness and sanctity of the Kasai Temple.

#### **Promote Community Participation:**

Encourage local residents and students alike to actively engage in preserving their cultural landmarks.

#### **Enhance Religious Experience:**

Provide devotees and visitors with a clean and welcoming environment for religious worship and reflection.

#### **Activities:**

The student-led temple cleaning initiative in Kasai encompassed a series of coordinated activities:





#### Planning and Coordination:

A dedicated team of student volunteers organized and planned the temple cleaning drive, including scheduling, resource procurement, and coordination with temple authorities.

#### Community Engagement:

Students reached out to the local community, raising awareness about the initiative and inviting residents to participate. They emphasized the importance of collective responsibility in preserving cultural heritage.

#### Cleanup Day:

On the designated day, students, along with enthusiastic community members, assembled at the Kasai Temple. They brought cleaning supplies such as brooms, mops, buckets, and cleaning agents.

#### Outcomes:

**Enhanced Temple Appearance:** The cleaning and beautification efforts significantly improved the overall appearance and cleanliness of the Kasai Temple.

**Improved Religious Experience:** Devotees and visitors experienced an enhanced sense of tranquillity and reverence while visiting the temple due to its clean and well-maintained surroundings.

**Strengthened Community Bonds:** The collaborative effort between college students and the local community fostered stronger community bonds and mutual respect.

#### Conclusion:

The student-led temple cleaning initiative in Kasai exemplifies the positive impact of community engagement and cultural preservation. By continuing these efforts and expanding the scope of community-based initiatives, the college 88 students contribute to the preservation of Kasai Temple as a cultural landmark and ensure it remains a place of



religious significance and community cohesion for generations to come. This endeavour underscores the importance of students working hand-in-hand with local communities to preserve and celebrate their cultural heritage.







*[Signature]*  
EXTENSION WORK TEACHER  
D.L.L.E.

Amdar Deepakbhai Kesarkar Science College,  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



*[Signature]*  
Principal

Amdar Deepakbhai Kesarkar Science College,  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

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ESTD. - 2012

COLLEGE CODE - 166

### ACTIVITY REPORT

NAME OF ACTIVITY	:	Tilari sanctuary cleaning and Vanbhojan
DEPARTMENT / SCHEME	:	Department of lifelong learning and extension
DATE	:	12th January 2024
TIME	:	09.00 am
OBJECTIVES	:	To provide students with a unique opportunity to connect with nature while promoting environmental conservation and cleanliness.
OUTCOME	:	Enhanced appreciation for nature and biodiversity among students, fostering a deeper connection with the environment and instilling a sense of stewardship towards its preservation. Promotion of responsible tourism and sustainable practices, emphasizing the importance of maintaining cleanliness and minimizing human impact on natural habitats.
ORGANISING COMMITTEE	:	Asst. Prof. Mr. M. S. Patil Asst. Prof. Mr. P. R. Desai Asst. Prof. Mr. V. M. Hodawadekar Mr. Pratik Gawas (G.S) Miss Vaishnavi Betkekar (student manager)
NO. OF STUDENTS PARTICIPATED	:	91











*Amrinder Singh*  
 EXTENSION WORK TEACHER  
 D.L.L.E.

**Co-Ordinator**  
 Amdar Deepakbhai Kesarkar Science College,  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



*Amrinder Singh*  
 Principal

**Principal**  
 Amdar Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

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( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

## **Department Of Lifelong Learning And Extension**

### **Report on Vanbhojan Event**

Date-15/02/2023

#### **Introduction:**

The Department of lifelong learning and extension of our College organized a vibrant and culturally rich event called "Vanbhojan" in Tilari Forest Area. The event aimed to bring all students, faculty, and staff together in a unique and informal setting, fostering a sense of community and celebrating diversity.

#### **Event Concept:**

"Vanbhojan" translates to "forest feast" in English, and the event drew inspiration from the traditional Indian concept of community dining in nature. The DLLE department aimed to create an atmosphere that promoted social interaction, cultural exchange, and a break from the routine of academic life.

#### **Community Building:**

Vanbhojan provided an informal setting for students, faculty and staff to interact beyond the classroom. The shared dining experience encouraged conversations, fostering a sense of belonging and unity among participants. It also provided an opportunity for networking and collaboration among individuals from different academic backgrounds.

#### **Environmental Awareness:**

In line with the DLLE department's commitment to sustainable practices, Vanbhojan emphasized eco-friendly measures. The use of



biodegradable plates and cutlery, waste recycling stations, and educational displays promoted environmental awareness among attendees.

Vanbhojan organized by the DLLE Department of Amdar Deepakbhai kesarkar science College was a resounding success, achieving its goals of cultural celebration, and environmental consciousness. The event not only provided a break from the academic routine but also highlighted the importance of fostering a sense of togetherness within the college community. Vanbhojan is poised to become an annual tradition, bringing joy and unity to the college campus for years to come. The 103 students were present for the vanbhojan activity.







*[Signature]*  
 EXTENSION WORK TEACHER  
 D.L.L.E.

Amdar Deepakbhai Kesarkar Science College,  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



*[Signature]*  
 Principal

Amdar, Deepakbhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



# SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

(AFFILIATED TO UNIVERSITY OF MUMBAI)

DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)

E-mail - dkscsci@gmail.com

ESTD. - 2012

Tel. No - 02363-256755

COLLEGE CODE - 166

## Book Exhibition



A Book exhibition was organized in Amdar Deepakbhai Kesarkar Science College through the library department on 28<sup>th</sup> September 2022 from 9.00 am to 4.00 pm. The program was moderated by Professor Mahesh Patil sir and the reception was done by Professor N.M. Chaugle sir. Pollution was inaugurated by Shri Dattatraya Gavande. Parents, students and citizens participated in this exhibition. Reference Books, Novels, Stories, Biographies and science text book were included in this exhibition. All students, parents' teachers and non-teaching staff took advantage of it.

All expressed satisfaction about this. In this program, college librarian B.V. Rashivade appealed to the parents that they should also benefit by becoming members of the library. Students, Parents, Teachers and non-teaching staff participated in this exhibition.





E-mail - dkscsci@gmail.com  
ESTD - 2012

SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S  
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DODAMARG, DIST - SINDHUDURG - 416 512 (M.S)

Tel. No. - 02363-256755  
COLLEGE CODE - 166

**Activity Report**  
**Academic Report 2022 -2023**

**1. General Information**

- Name of the Teacher /Chairman : Mr. Rashivade B. V.
- Name of Department : Library
- Class :- Cultural hall Date. 28/09/2022
- Subject :- **Book Exhibition** Time . 09.00 am

**2. Activity Information**

- Name of Activity : Book Exhibition
- Objective of the Activity :
  - 1) Develop reading and comprehension skills.
  - 2) A Book fair is an excellent opporiturting to build students home libraries, farther their reading and comprehension skills, and often build knowledge and vocabulary critical for understanding now subject matter. This practice enables families to make reading a family event.
- Number of Student Attended :
- Evaluation in Brief :
- Follow up work (if Necessary) :

**3. Document Enclosed:**

1. Notice : Attached
2. Photographs : Attached
3. Student's Attendance Sheet : Register Maintained

**4. Signature of the Teacher/Chairman**

**5. Remarks & Signature of H.O.D.**

**6. Remarks & Signature of Academic Head**



  
**Principal**

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



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EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

### Report on AIDS Day Celebration

<b>Academic Year</b>	2022-23
<b>Name of the Organizer</b>	DLLE and Zoology Department
<b>Name of the Event</b>	AIDS Day Celebration
<b>Date</b>	December 01, 2022
<b>Venue</b>	Rally in Dodamarg Market and Seminar Hall
<b>Objective</b>	To spread awareness about the status of the pandemic and encourage progress in HIV/AIDS prevention, treatment and care around the world.
<b>No. of Participants</b>	

World AIDS Day is celebrated annually on December 1 2022. This is a chance for people all over the world to come together in the battle against HIV, to support those who are living with HIV, and to remember those who have passed away from an AIDS-related illness. World AIDS Day was the first international health day and was established in 1988. On December 1, 2022, at 9:00 am in the seminar Hall of Amdar Deepakbhai Kesarkar Science College in Dodamarg, the department DLLE committee celebrated AIDS Day. The inaugural programme then took place, including P.V. Rashivade as the chief guest of honour, as well as A.S. Sinari, P.R. Dessai, and other dignitaries. The activities and performances in the programme were aimed at educating the public about HIV/AIDS and lessening the stigma associated with it. The programme began with the opening ceremony.

Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



during which Chief Guest Prof. N.M. Chougale presented a garland to Saraswati. The day offers a chance to raise awareness about the pandemic's current state and to promote advancements in HIV/AIDS prevention, treatment, and care all over the world. It has grown to be one of the most well-known international health days and a significant chance to spread awareness. Speaking about AIDS were Janhvi Sawant, Samiksha Gawas, and Vaishnavi Betkekar from the T.Y.B.Sc. The program's anchoring and conclusion were performed by Akshata Naik.





*Principal*  
**Principal**

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE,  
DODAMARG

DEPARTMENT of CHEMISTRY

**Activity Report**

<b>Name of Activity</b>	<b>Chemistry Week</b>
<b>Date</b>	04 <sup>th</sup> December 2023 To 9 <sup>th</sup> December 2023
<b>Organized By</b>	Department of Chemistry
<b>Coordinator</b>	Asst. Prof. N. M. Chougale
<b>Activity For</b>	All College Students
<b>Number of Participants</b>	83
<b>Nature</b>	Co-curricular Activity
<b>Objectives of Activity</b>	Chemistry week is an annual event that celebrates the contribution of chemistry & its importance to our everyday life. Have you ever really thought about how much your life is affected by chemistry? You create chemical reactions just by eating and breathing. Your body runs on chemicals. So does the world around you. At Humours, we have harnessed the pervasive power of chemistry to make modern-day conveniences



	<p>perform better and last longer—from your refrigerator, to your car, to your smart devices and more.</p> <p>Chemistry's influence is so all-encompassing that we also use it to encourage curiosity in the minds of future generations. To celebrate this annual event, we're highlighting the periodic table for its organizing properties and all the chemistry it helps us create. The periodic table is a fundamental tool where all chemical elements are arranged, based on their atomic number and chemical property. We use it to help make sense of the world that surrounds us all.</p> <p>Various competitions such as poster competition, Quiz competition, Periodic table drawing are organized.</p>
Outcomes	<p>About 83 students are enrolled for this course. They are benefited as,</p> <ul style="list-style-type: none"> <li>- Student will deeply know about Elements, its molecular number &amp; weight, elemental properties by writing periodic table.</li> <li>- Student will be able to draw structures of chemical compounds through innovative way.</li> <li>- General knowledge of student enhances by taking quiz competition</li> <li>- They can enhance their chemistry knowledge by writing note on research article essay writing.</li> </ul>



Coordinator

**Head**  
Department of Chemistry  
K. Sc. College Dodamerg



Principal

Arndar. Deepakbhai Kesarwar Science College  
Dodamerg, Tal. Dodamerg, Dist. Sindhudurg









  
**Head**  
 Department of Chemistry  
 K. Sc. College Dodamarg

  
**Principal**  
 Ardar, Deepakibhai Kesarkar Science College  
 Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE,  
DODAMARG

DEPARTMENT of CHEMISTRY

Date-22/11/2022

**CHEMISTRY WEEK CELEBRATION**

Department of Chemistry of Amdar Deepakbhai Kesarkar Science College, Dodamarg celebrated the "Chemistry Week" from 14<sup>th</sup> Nov. to 19<sup>th</sup> Nov.2022 in college premises by organizing various competitions. The celebration was organized by Department of Chemistry. During this event large number of students participated in various activities with full zeal & enthusiasm.

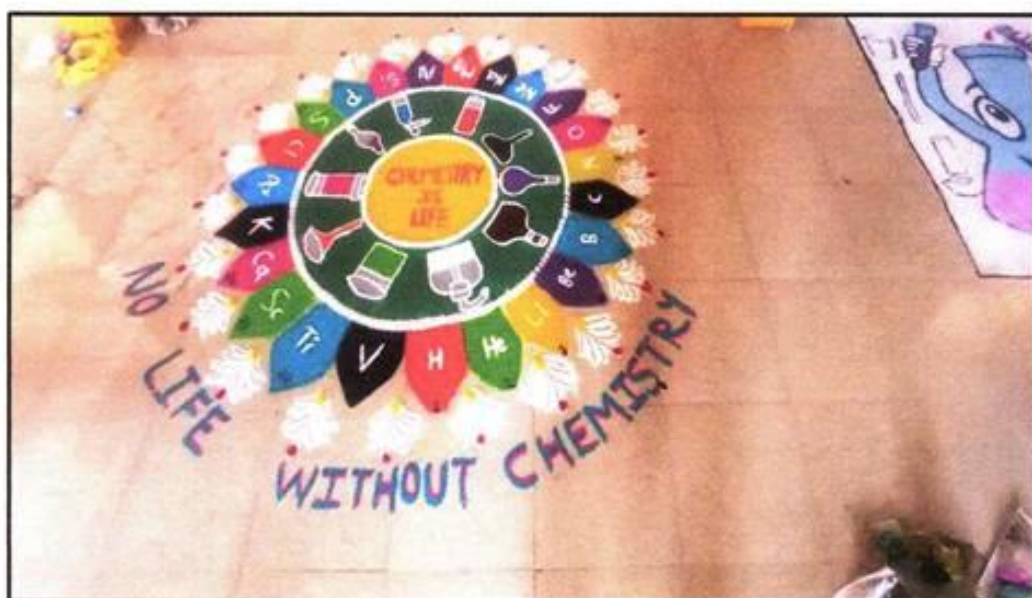
Head of department of chemistry Mr. N. M. Chougale sir talked about why we have to celebrate chemistry week & who had founded it. Chemistry week is an annual event that celebrates the contribution of chemistry & its importance to our everyday life. Have you ever really thought about how much your life is affected by chemistry? You create chemical reactions just by eating and breathing. Your body runs on chemicals. So does the world around you. At Chemours, we have harnessed the pervasive power of chemistry to make modern-day conveniences perform better and last longer—from your refrigerator, to your car, to your smart devices and more.

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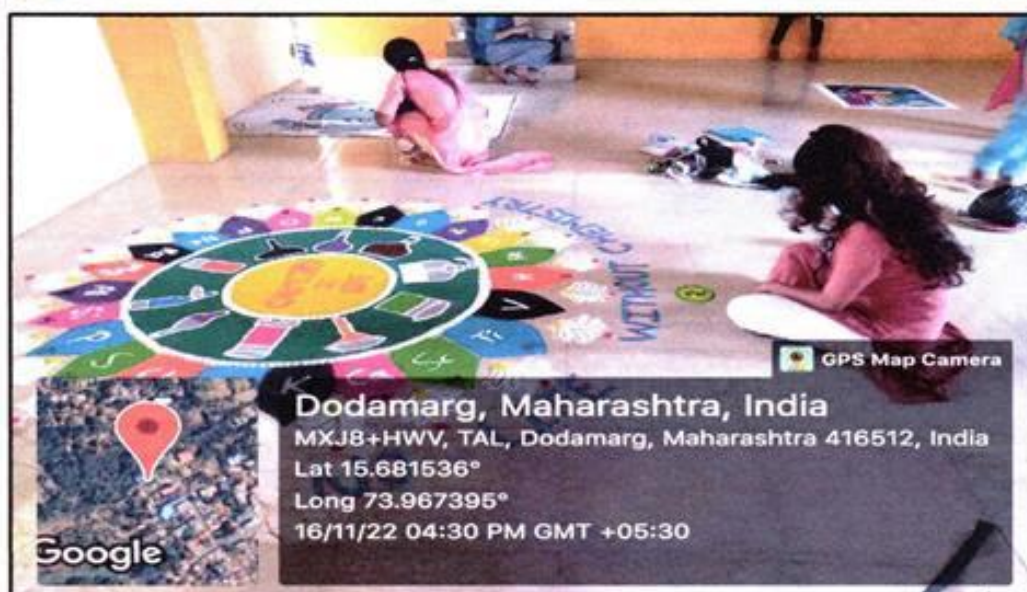
Various competitions such as poster competition, Quiz competition, Rangoli, Essay writing, Painting, Periodic table drawing are organized. They all participants had rewarded with certificate.












### Outcomes

- Student will deeply know about Elements, its molecular number & weight, elemental properties by writing periodic table.
- Student will be able to draw structures of chemical compounds through innovative way.
- General knowledge of student enhances by taking quiz competition
- They can express their chemistry knowledge by essay writing.

  
Head  
Department of Chemistry  
D.K.Sc. College Dodamarg



  
Principal  
Amruter, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE,  
DODAMARG

DEPARTMENT of CHEMISTRY

Date-22/11/2022

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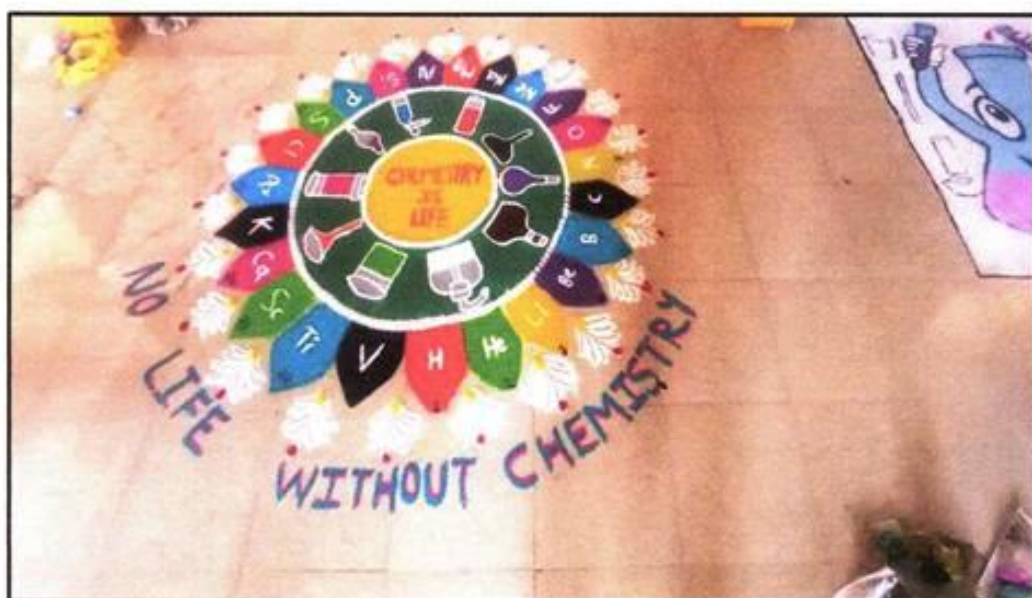
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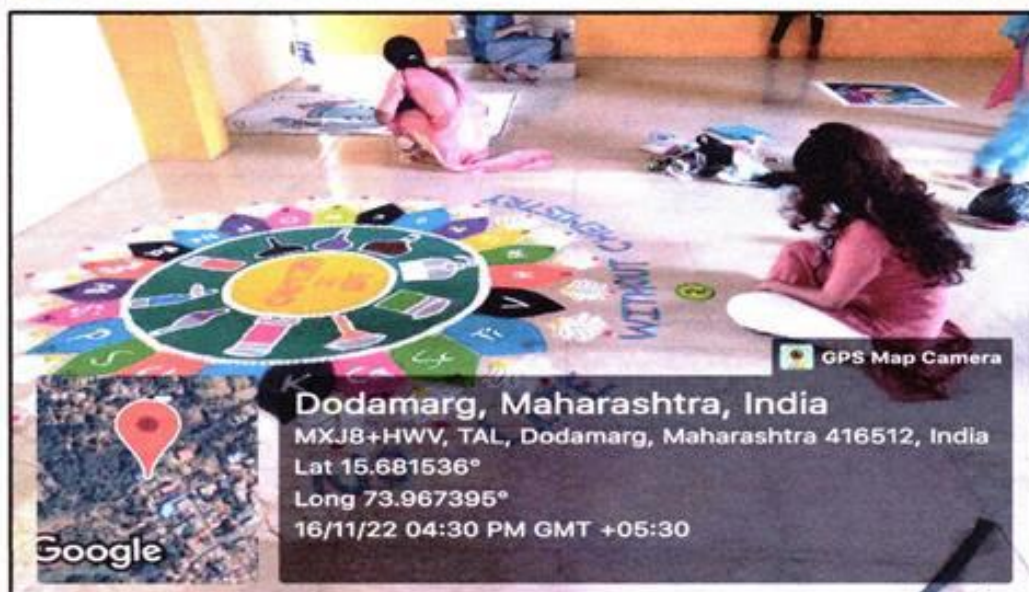
Various competitions such as poster competition, Quiz competition, Rangoli, Essay writing, Painting, Periodic table drawing are organized. They all participants had rewarded with certificate.












### Outcomes

- Student will deeply know about Elements, its molecular number & weight, elemental properties by writing periodic table.
- Student will be able to draw structures of chemical compounds through innovative way.
- General knowledge of student enhances by taking quiz competition
- They can express their chemistry knowledge by essay writing.

  
 Head  
 Department of Chemistry  
 D.K.Sc. College Dodamarg



  
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**Criterion II**

**Teaching Learning and Evaluation**

**Key Indicator 2.3.1**

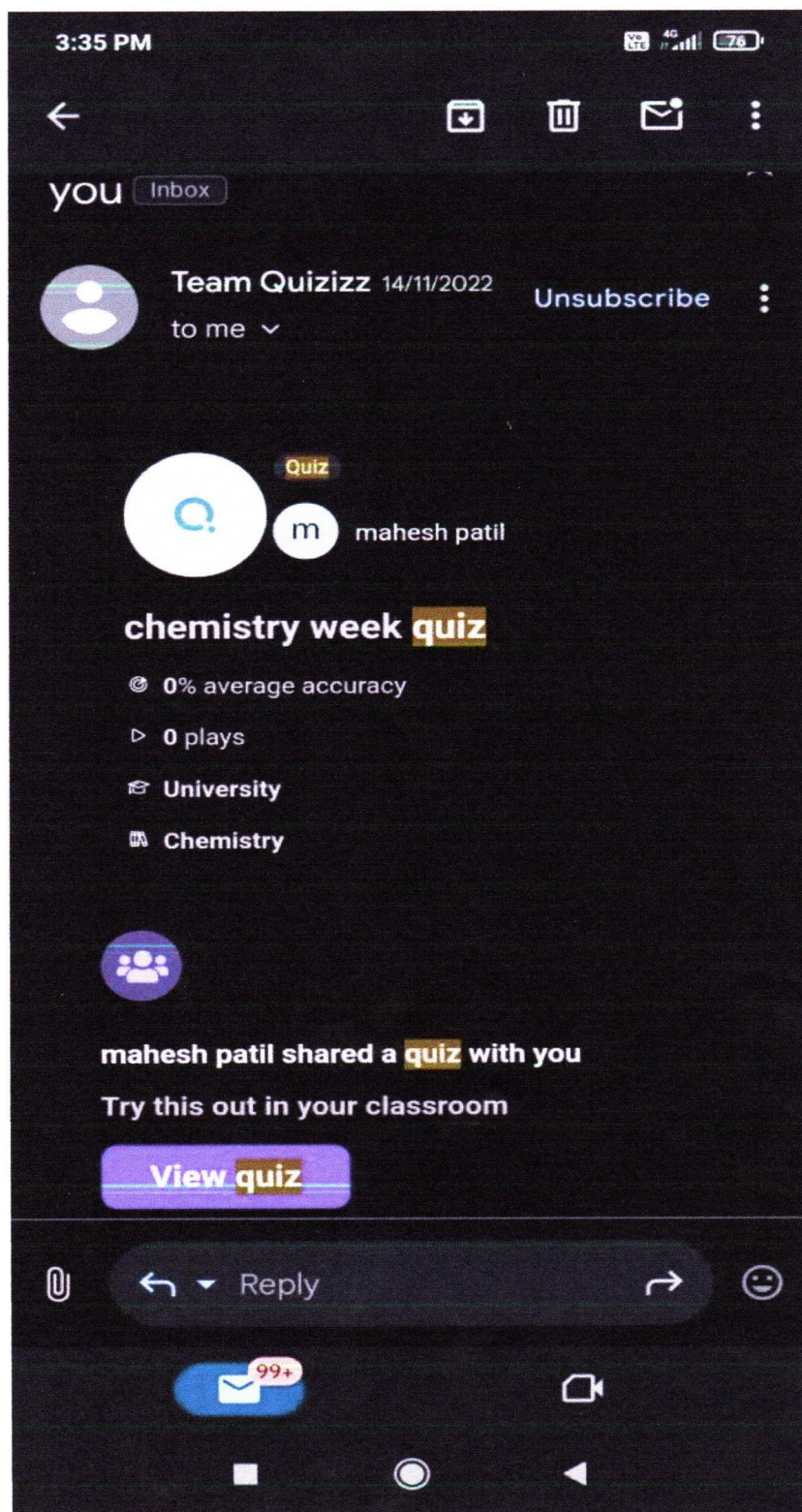
Student centric methods, such as experimental learning, participative learning and Problem solving methodologies are used for enhancing learning experience and teachers use ICT - enabled tools for effective teaching and learning process.

**Student Centric Methods: -**

**3. Problem Solving Methodologies**

Sr. No.	Particulars
1	Quizzes
2	Projects
3	Avishkar Projects
4	Test

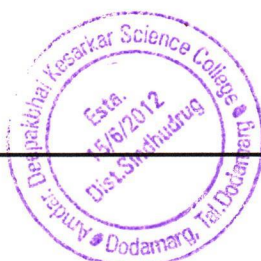
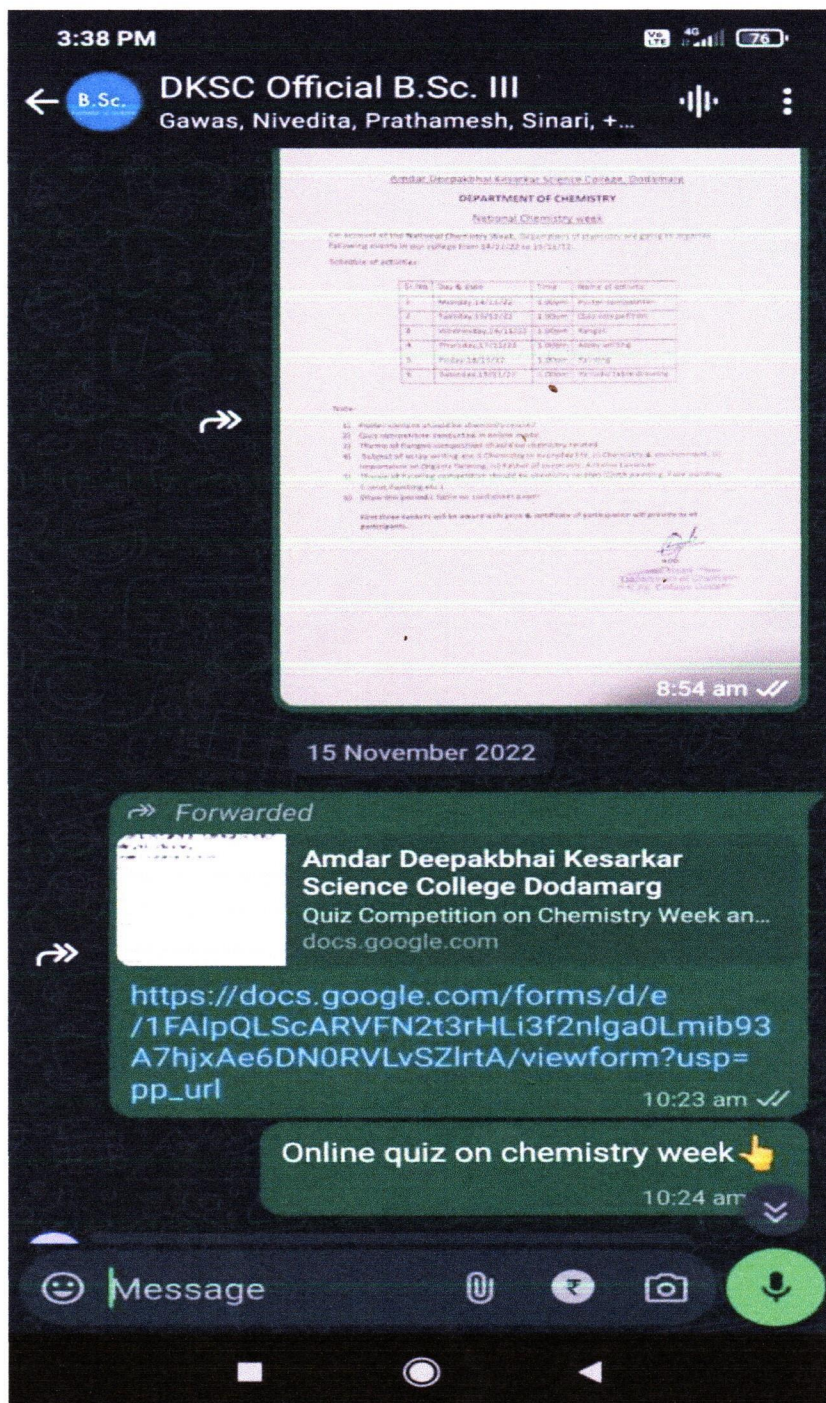




*[Signature]*  
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Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





*Principal*  
Principal

Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg





SHRAMIK VIDYARTHI DNYANSEVA SANSTHA'S

# AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE

( AFFILIATED TO UNIVERSITY OF MUMBAI )

DODAMARG, DIST. - SINDHUDURG 416 512 ( M. S. )

EMAIL - [dkscsci@gmail.com](mailto:dkscsci@gmail.com)

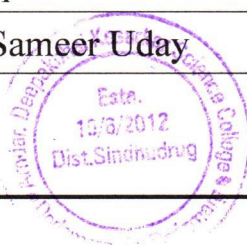
TEL. NO. - 02363 256755

ESTD. - 2012

COLLEGE CODE - 166

## List of students undertaking Project Work 2023-24

Programme Name	Sr. No.	Name of Student	Programme Name
T.Y.B.Sc. Chemistry USACDD6P2	1	Betkekar Vaiṣṇavi Sanjay	Preparation of BiVO <sub>4</sub> Photocatalyst By Solvothermal Method
	2	Desai Dhanashri Sabaji	
	3	Chavan Naresh Nandu	
	4	Desai Yogesh Dilip	
	5	Desai Aniket Manohar	
	6	Dhuri Sham Shivram	
	7	Lobo Lawrence Bavis	Preparation of Cashew Apple Fenni
	8	Jadhav Pooja Nhanu	
	9	Gurav Suraj Sambhaji	
	10	Kadam Prasanna Rajaram	
	11	Gawas Sejal Sunil	
	12	Varak Ravindra Dhondu	Studies On Effect of Cow Dung Ash, Groundnut Shell Ash, Wood Ash in aqueous medium as Follar Spray on Zea mays
	13	Sadekar Omkar Namdev	
	14	Pawar Shivani Shankar	
	15	Rane Vaishnavi Vishwanath	
	16	Parmekar Hrutuja Sudhir	
	17	Patil Avinash Ashok	Study on Hypertension Patient, Side Effect & How to Control
	18	Parab Akash Arjun	
	19	Niralagi Gauri Vijay	
	20	Naik Dattaprasad Pandurang	
	21	Morajkar Sameer Uday	





	22	Mayekar saloni Byaneshwar	Preparation of Cold Cream
	23	Gawas Pratik Prakash	
	24	Gawde Pooja eepak	
	25	Gawas Ramchandra Narayan	
	26	Gawas Mahesh Gopal	
	27	Gawas Gurunath Amol	

Programme Name	Sr. No.	Name of Students	Name of Project
T.Y.B.Sc Zoology USACFBIO6P1	01	Gawade Neha Narayan	Probability report of maintenance of culture of chaetopteros & artemia by the fish farmers
	02	Gawas Shailaja Dnyaneshwar	Probability report of maintenance of culture of chaetopteros & artemia by the fish farmers
	03.	Naik Aishwarya Sanjay	Cultivation of commercially important nutritive algae
	04.	Sutar Ninad Nandkumar	Cultivation of commercially important nutritive algae
	05.	Chavan Gauri Shamsunder	Cultivation of commercially important nutritive algae
	06	Kubal Pooja Bhanudas	Shrimp Farming
	07	Gawas Vedant Rukmangat	Shrimp Farming

Programme Name	Sr. No	Name of the student	Name of the project
F.Y.B.Sc. Foundation Course USFC2C1	1	Shirodkar Arya Abhay	उच्च शिक्षण आणि भारत
	2	Gawas Bhikaji Khemraj	
	3	Gawas Rutik Arun	
	4	Gawas Bhakti Bhagawan	
	5	Kamble Pallavi Prakash	
	6	Jangale Tushar Shamu	
	7	Gawade Vithoba Umesh	
	8	Sawant Divya Laxman	पिण्याचे स्वच्छ पाणी व स्वच्छता सुविधा
	9	Panvelkar Amit Arun	
	10	Mestri Sudarshan Dattaram	



11	Desai Saisha Sadanand	
12	Gawade Neha Yalappa	
13	Naik Yogita Anand	
14	Mayekar Shivram Suryakant	
15	Naik Nutan Sanjay	सार्वजनिक शिक्षणाधिकार
16	Bandekar Yogesh Nandkishor	
17	Malik Vedant Sanjay	
18	Desai Dilip Sanjay	
19	Desai Vidhyadhar Gurudas	लैंगिक विषमता आणि
20	Bagadi Prathamesh Pandurang	भारत
21	Desai Samiksha Chandrashakar	
22	Ghogale Sakshi Baburao	
23	Uphalkar Sharan Parasharam	शहरातील आरोग्य सुविधा
24	Patil Akashay Anandrao	
25	Shetkar Rohan Hari	
26	Jadhav Shailesh Chandrakant	जैतापूरचा अणुऊर्जा
27	Karol Sakib Suleman	प्रकल्प
28	Jadhav Asmita Ganpat	
29	Chobe Rahul Rajendra	
30	Gawas Gaurish Mahadev	शहरीकरण आणि त्यांच्या
31	Gawade Reshma Laxman	समस्या
32	Desai Viraj Sitaram	
33	Sinari Chinmay Sandip	
34	Kavthankar Damodar Arjun	
35	Warang Priya Prakash	तिलारी धरण
36	Prasadi Vaishanvi Rajesh	
37	Patil Sucheta Vasant	





**List of students undertaking project work 2022-23**

<b>Programme Name</b>	<b>Sr. No.</b>	<b>Name of Student</b>	<b>Name of Project</b>
<b>B.Sc. Chemistry</b>	1	Bhujbal Shubham Chandrashekhar	Water Quality Analysis
	2	Chari Kavita Kishor	Water Quality Analysis
	3	Dalvi Vinit Vidyanand	Water Quality Analysis
	4	Desai Akshay Ashok	Water Quality Analysis
	5	Desai Dhiraj Gurudas	Water Quality Analysis
	6	Desai Komal Sabaji	Water Quality Analysis
	7	Desai Nivedita Namdev	Water Quality Analysis
	8	Desai Sahil Suryakant	Water Quality Analysis
	9	Desai Sanket Santosh	Water Quality Analysis
	10	Desai Vishal Vithoba	Water Quality Analysis
	11	Dharne Laxman Vasudev	Water Quality Analysis
	12	Gavas Manoj Mahanand	Water Quality Analysis
	13	Gawade Bhairavi Bhadi	Water Quality Analysis
	14	Gawade Ketan Bhoju	Water Quality Analysis
	15	Gawande Dipali Dattatray	Water Quality Analysis
	16	Gawas Pratik Pravin	Water Quality Analysis
	17	Gawas Rameshwar Deu	Water Quality Analysis
	18	Gawas Samiksha Shivram	Water Quality Analysis
	19	Gawas Swarupa Dilip	Water Quality Analysis
	20	Jattewadkar Ajit Vijay	Water Quality Analysis
	21	Mahalkar Vrushbh Vishnu	Water Quality Analysis
	22	Metar Prathamesh Ulhas	Water Quality Analysis
	23	Milake Nilesh Chandrakant	Water Quality Analysis
	24	Naik Akshata Dayanand	Water Quality Analysis
	25	Naik Shashank Shrirang	Water Quality Analysis
	26	Parab Vishwaki Sudesh	Water Quality Analysis
	27	Paradhi Akash Mahesh	Water Quality Analysis
	28	Sawant Janhavi Shivaram	Water Quality Analysis
	29	Sawant Sandesh Dilip	Water Quality Analysis
	30	Shetye Vishwanath Anand	Water Quality Analysis
	31	Yalagekar Mahadev Ramu	Water Quality Analysis
	32	Bhujbal Shubham Chandrashekhar	Qualitative Analysis of Cold Drink
	33	Chari Kavita Kishor	Qualitative Analysis of Cold Drink



**B.Sc.  
Chemistry**

34	Dalvi Vinit Vidyanand	Qualitative Analysis of Cold Drink
35	Desai Akshay Ashok	Qualitative Analysis of Cold Drink
36	Desai Dhiraj Gurudas	Estimation of Water
37	Desai Komal Sabaji	Estimation of Water
38	Desai Nivedita Namdev	Qualitative Analysis of Cold Drink
39	Desai Sahil Suryakant	Quantitative & Qualitative Analysis of Milk
40	Desai Sanket Santosh	Quantitative & Qualitative Analysis of Milk
41	Desai Vishal Vithoba	Estimation of Water
42	Dharne Laxman Vasudev	Qualitative Analysis of Cold Drink
43	Gavas Manoj Mahanand	Estimation of Water
44	Gawade Bhairavi Bhadi	Qualitative Analysis of Cold Drink
45	Gawade Ketan Bhoju	Quantitative & Qualitative Analysis of Milk
46	Gawande Dipali Dattatray	Estimation of Water
47	Gawas Pratik Pravin	Qualitative Analysis of Cold Drink
48	Gawas Rameshwar Deu	Estimation of Water
49	Gawas Samiksha Shivram	Estimation of Water
50	Gawas Swarupa Dilip	Estimation of Water
51	Jattewadkar Ajit Vijay	Estimation of Water
52	Mahalkar Vrushbh Vishnu	Qualitative Analysis of Cold Drink
53	Metar Prathamesh Ulhas	Qualitative Analysis of Cold Drink
54	Milake Nilesh Chandrakant	Estimation of Water
55	Naik Akshata Dayanand	Estimation of Water
56	Naik Shashank Shrirang	Quantitative & Qualitative Analysis of Milk
57	Parab Vishwaki Sudesh	Quantitative & Qualitative Analysis of Milk
58	Paradhi Akash Mahesh	Quantitative & Qualitative Analysis of Milk
59	Sawant Janhavi Shivaram	Quantitative & Qualitative Analysis of Milk
60	Sawant Sandesh Dilip	Estimation of Water
61	Shetye Vishwanath Anand	Qualitative Analysis of Cold Drink
62	Yalagekar Mahadev Ramu	Quantitative & Qualitative Analysis of Milk



*(Signature)*  
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Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



**List of students undertaking project work 2021-22**

<b>Programme Name</b>	<b>Sr. No.</b>	<b>Name of Student</b>	<b>Name of Project</b>
<b>B.Sc. Chemistry</b>	1	Bagelkar Krishna Devidas	Analysis of Food Material
	2	Chari Santosh Janardan	Analysis of Food Material
	3	Desai Ajay Anil	Study On Water Pollution
	4	Desai Mahima Anand	Study On Water Pollution
	5	Desai Neha Vidyadhar	Analysis of Food Material
	6	Desai Nikita Hanumant	water Sample Testing
	7	Desai Ramchandra Ravindra	water Sample Testing
	8	Desai Sumedha Babaji	Analysis of Food Material
	9	Dhuri Sham Shivaram	Analysis of Food Material
	10	Gawade Sameer Subhash	Study On Water Pollution
	11	Gawas Akash Santosh	Study On Water Pollution
	12	Gawas Akshata Ashok	water Sample Testing
	13	Gawas Amisha Santosh	Water Sample Testing
	14	Gawas Bhushan Sunil	Water Sample Testing
	15	Gawas Chandrakant Sharad	Analysis of Food Material
	16	Gawas Santosh Pratap	Analysis of Food Material
	17	Gawas Shubham Deepak	Analysis of Food Material
	18	Gawas Vaishnavi Viraj	Analysis of Food Material
	19	Gawas Yogesh Yashwant	Analysis of Food Material
	20	Jadhav Priya Chandrakant	water Sample Testing
	21	Jadhav Siddhesh Santosh	water Sample Testing
	22	Jamadar Javed Salim	water Sample Testing
	23	Kapdoskar Mahesh Arjun	Analysis of Food Material
	24	Khedekar Nahim Isak	study On Water Pollution
	25	Mahalkar Manthan Mahesh	Water Sample Testing
	26	Manerikar Shreya Sushant	Analysis of Food Material
	27	Mayekar Raghunath Anil	Analysis of Food Material
	28	Naik Ganesh Chandrakant	Analysis of Food Material
	29	Naik Manasi Rajan	study On Water Pollution
	30	Naik Nitin Parashram	Analysis of Food Material
	31	Naik Simran Sanjay	Analysis of Food Material
	32	Naik Swati Santosh	Study On Water Pollution
	33	Naik Vijaya Santosh	Study On Water Pollution



<b>B.Sc. Chemistry</b>	34	Pawaskar Rhushikesh Deepak	Analysis of Food Material
	35	Pednekar Dipesh Dilip	Analysis of Food Material
	36	Raut Tulashi Uday	Analysis of Food Material
	37	Sutar Prasad Sanjay	Analysis of Food Material
	38	Sutar Sanchika Shivaji	study On Water Pollution
	39	Talankar Diksha Pandurang	water Sample Testing



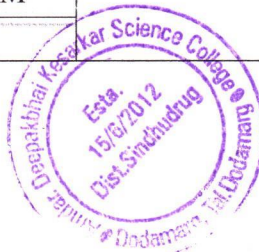
*(Signature)*  
Principal

Amdar Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



**FOUNDATION COURSE (B. Sc. I, Sem -II)**  
**Student Project List Academic Year 2022-23**

SR.NO	NAME	Name of the Project
1	AYNODKAR SANJANA LAXMAN	उच्च शिक्षण आणि भारत
2	BAMNEKAR SHUBHAM PANDURANG	
3	BHUJBAL LAXMAN KISHOR	
4	DALVI VISHNU SURYAKANT	
5	DALVI SUPRIYA SANJAY	
6	DESAI SIDDESH DEEPAK	
7	DESAI TAPASVI RAJENDRA	
8	FARAKTE RESHMA RAJENDRA	
9	GAICHOR SHUBHAM VASUDEV,	पिण्याचे स्वच्छ पानी व स्वच्छता सुविधा
10	GAWADE MANOJ EKNATH	
11	GAWADE RESHMA LAXMAN	
12	GAWADE SHIVRAM PRAKASH	
13	GAWAS DIKSHA DIGAMBAR	
14	GAWAS KAMESHWARI PANDURANG	
15	GAWAS LAVKESH VASUDEV	
16	GAWAS MAYURI UDAY	सार्वजनिक शिक्षणाधिकार
17	GAWAS PRATHAMESH PRABHAKAR	
18	GAWAS ROSHAN GOPI	
19	GAWAS ROSHANI RAMESH	
20	GAWAS SHUBHAM PANDURANG	
21	GOSAVI PALLAVI BHIKAJI	
22	JESHTNAIK SHRADDHA BHANUDAS	
23	KHARAWAT JANAVI JAOO	लैंगिक विषमता आणि भारत
24	KHEDEKAR ROSHANI AKRAM	
25	KOTEKAR PRANALI PARASHURAM	
26	KUBAL UJJAYNI UTTAM	
27	KUMBHAR ALKA BHIMARAO	
28	NAIK NUTAN SANJAY	
29	NAIK SANCHIT DAYANAND	
30	NAIK SIMANTHINI PRASAHANT	शहरातील आरोग्य सुविधा
31	PARMEKAR VEDANT VINIT	
32	PARYEKAR PANKAJ NANDA	
33	PATIL GANESH GOPAL	
34	PATIL NAVNATH DHONDIRAM	
35	PATIL ONKAR SADASHIV	



*(Signature)*  
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36	PEDNEKAR MADHUSUDAN RAJARAM	
37	RAUL SUSHANT SANTOSH	
38	SALGAONKAR SALONI SUDHAKAR	
39	SARAVANE RHUSHIKESH TANAJI	जैतपूरचा अणुऊर्जा प्रकल्प
40	SAWANT LAUKIK SUBHASH	
41	SAWANT SANKET BABURAO	
42	SAWANT SUSMITA EKNATH	
43	SAWANT SWAPNIL MANGESH	
44	SHETKAT MADHUKAR RAVINDRA	शहरीकरण आणि त्यांच्या समस्या
45	SHIVANGEKAR DIVYA GANGARAM	
46	SHIVANGEKAR KISHORI JOTIBA	
47	SHIVANGEKAR VAIJAYANTA GANAGARAM	
48	SUTAR GANGA BALKRUSHNA	टेहरी धरण
49	SUTAR SOURABH BAJIRAO	
50	THAKAR ADIKESH VILAS	



  
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# FOUNDATION COURSE (B. Sc. I, Sem -II)

## Student Project List Academic Year 2021-22

Roll. No.	Name of Students	Name of Project
101	NAIK NUTAN SANJAY	उच्च शिक्षण आणि भारत
102	PARMEKAR HRUTUJA SUDHIR	
103	NAIK ASHWINI ANAND	
104	JADHAV POOJA NHANU	
105	CHAWAN GAURI SHAMSUNDER	
106	NIRALAGI GAURI VIJAY	
107	NAIK AISHWARYA SANJAY	
108	GAWADE NEHA NARAYAN	
109	GAWAS VEDANT RUKMANGAT	पिण्याचे स्वच्छ पाणी व स्वच्छता सुविधा
110	VARAK RAVINDRA DHONDU	
111	SALKAR SIDDHARTH SATISH	
112	KADAM PRASANNA RAJARAM	
113	LOBO LAWRENCE BAVTIS	
114	DESAI YOGESH DILIP	सार्वजनिक शिक्षणाधिकार
115	SUTAR SHANKAR SHRIDHAR	
116	GAWAS SHAILAJA DNYANESHWAR	
117	PAWAR SHIVANI SHANKAR	
118	GAWADE POOJA DEEPAK	
119	CHAVAN NARESH NANDU	
120	RANE VAISHNAVI VISHWANATH	
121	MAYEKAR SALONI DNYANESHWAR	
122	GAWAS SEJAL SUNIL	लैंगिक विषमता आणि भारत
123	NAIK CHANDRAKANT PRAKASH	
124	MORAJKAR SAMIR UDAY	
125	GAWAS MAHESH GOPAL	
126	NAIK DATTAPRASAD PANDURANG	
127	GAWAS PRATIK PRAKASH	
128	BETKEKAR VAISHNAVI SANJAY	
129	SUTAR NINAD NANDKUMAR	शहरातील आरोग्य सुविधा
130	KUBAL MANALI LAXMAN	
131	KUBAL POOJA BHANUDAS	
132	KHARVAT POONAM GANGARAM	
133	KHARVAT SONALI GANGARAM	
134	DESAI ANIKET MANOHAR	
135	DHUMASKAR GOPICHAND BABURAO	
136	NAIK VEDAN VISHRAM	जैतपूरचा अणुऊर्जा प्रकल्प
137	DESAI DHANASHRI SABAJI	
138	LONDHE RAMCHANDRA KRISHNA	
139	GAWAS GURUNATH AMOL	
140	GAWAS RAMCHANDRA NARAYAN	



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# FOUNDATION COURSE (B. Sc. I, Sem -II)

## Student Project List Academic Year 2019-20

ROLL NO.		Name of Project
101	BAGELKAR KRISHNA DEVIDAS	विज्ञान आणि तंत्रज्ञान
102	DESAI MAHIMA ANAND	
103	DESAI RAMCHANDRA RAVINDRA	
104	FERJAND AKANKSHA RAJARAM	
105	GAWADE SAMEER SUBHASH	
106	GAWAS AKASH SANTOSH	
107	GAWAS BHUSHAN SUNIL	
108	GAWAS CHANDRAKANT SHARAD	
109	GAWAS MAHESH GOPAL	भारतीय संविधान आणि हक्क
110	GAWAS SANTOSH PRATAP	
111	GAWAS YOGESH YASHWANT	
112	GHOALE SHUBHASH BHARAT	
113	JADHAV SIDDHESH SANTOSH	
114	JAMADAR JAVED SALIM	
115	KAPDOSKAR MAHESH ARJUN	
116	KESARKAR SUDESH SHIVANAND	उच्च शिक्षण आणि भारत
117	KHEDEKAR NAHIM ISAK	
118	MORE ANIKET ASHOK	
119	NAIK MANASI RAJAN	
120	NAIK VIJAYA SANTOSH	
121	NEVAGE ABHAY SANTOSH	
122	PAWASKAR RHUSHIKESH DEEPAK	
123	PEDNEKAR DIPESH DILIP	पिण्याचे स्वच्छ पाणी व स्वच्छता सुविधा
124	RAUT TULASHI UDAY	
125	SUTAR SANCHIKA SHIVAJI	
126	SUTAR SOURABH BAJIRAO	
127	DAREKAR AKASH SHAMBUDEO	
128	DESAI AJAY ANIL	
129	DESAI ANJALI HARIRAM	
130	DESAI NEHA VIDYADHAR	सार्वजनिक शिक्षणाधिकार
131	DESAI NIKITA HANUMANT	
132	DESAI SUMEDHA BABAJI	
133	FALE SUVIDHA SANTOSH	
134	GAD HARSHADA SANDESH	
135	GAWADE SUNITA LAXMAN	
136	GAWAS AKSHATA ASHOK	
137	GAWAS AMISHA SANTOSH	लैंगिक विषमता आणि भारत
138	GAWAS DIKSHA DIGAMBAR	
139	GAWAS PRATHAMESH PRABHAKAR	
140	GAWAS RUPESH SAHADEV	
141	GAWAS SHUBHAM DEEPAK	
142	GAWAS VAISHNAVI VIRAJ	
143	GAWAS YASHWANT SOMA	
144	HOSURE DUNDAPPA RAMESH	





145	JADHAV PRIYA CHANDRAKANT	
146	KOCHAREKAR SANKET SANDESH	
147	KSHIRSAGAR KISHOR SURESH	
148	KSHIRSAGAR POOJA SURESH	
149	MAHALKAR MANTHAN MAHESH	शहरातील आरोग्य सुविधा
150	MANERIKAR SHREYA SUSHANT	
151	MAYEKAR RAGHUNATH ANIL	
152	MESTRI PRITI DHANAJI	
153	NAIK GANESH CHANDRAKANT	
154	NAIK NITIN PARASHRAM	
155	NAIK SIMRAN SANJAY	
156	NAIK SWATI SANTOSH	
157	PATIL SARITA SHIVAJI	
158	PRADHAN ARATI NARAYAN	जैतपूरचा अणुऊर्जा प्रकल्प
159	RANE PRATHAMESH UMESH	
160	SHAIKH MEHABOOB ANWAR	
161	SHAIKH MUJAMIL ANWAR	
162	SHETKAR SHRADDHA CHANDRAKANT	
163	SUTAR PRASAD SANJAY	
164	TALANKAR DIKSHA PANDURANG	
165	VARAK AADESH DHEVU	



  
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*Principal*

# STUDY OF SNAKE BITE CASES OF DODAMARG TEHSIL

## ABSTRACT

The background study of Venomous and Non-Venomous Snake bites cases from the Study area Dodamarg Tehsil, Sindhudurg, Maharashtra with reference to age, sex, type of snake and locality. The Primary & Secondary data was obtained from Medical authorities from all the local hospitals and the local people from Dodamarg Tehsil

## KEYWORDS

Awareness, Snake bite, Russell's Viper, Data, Dodamarg

## OBJECTIVES

- 1) To study snake bite cases from Dodamarg Tehsil
- 2) To study different types of snakes species.
- 3) To aware society about the Venomous snakes
- 4) Conservation strategies.

## INTRODUCTION

There are three types of snakes found in all over the India i.e., Non-Venomous, Semi-Venomous and Highly venomous. Nearly 14 Non-Venomous, 05 Semi-Venomous and 08 Venomous Snakes are identified by the local people and rescuers from Dodamarg Tehsil. Highly Venomous have three types of venom viz., Hemotoxic venom that acts on the Cardiovascular System, Neurotoxic venom that acts on the Nervous System and Cytotoxic venom that has a localized action at the site of the bite mark. Snakes play an important role in the life of farmers as they acts as a pest controller and maintain the balance in the ecosystem.

## METHODOLOGY & APPROACH USED

To investigate the Snake Bite scenario of Dodamarg Tehsil, we have selected the Hospitals, Primary Health Centres (PHC) and Sub-Primary Health Centres (SPHC) & Field visits.

## TIMEFRAME OF BITE CASE STUDY

The snakes bite data was collected from (past five years) January 2018 to September 2023

## SYMPTOMS OF SNAKE BITE

Most patients reported basic & preliminary symptoms such as pain in abdomen, muscles, burning sensation at the bite mark area, swelling around the bite area, bleeding, internal bleeding, limbs become weak, vision effected

## TREATMENT OF SNAKE BITE

- The most important thing to do during a snake bite emergency is to get medical help as soon as possible.
- Use of Anti Snake Venom (ASV) should be done by proper doctor.

## DATA

Total no. of Rural Hospital (RH), Primary Health Centres (PHC), & Sub-Primary Health Centres (SPHC) = 7  
No. of Rural Hospital (RH) = 1, No. of Primary Health Centres = 3, No. of Sub-Primary Health Centres = 3

Name	Year	Cases	Name / Type of Snake - Venomous
RH, PHC, SPHC OF DODAMARG	2018	12	Russell's Viper, Indian Spectacled Cobra
	2019	02	Russell's Viper, Indian Spectacled Cobra
	2020	09	Saw-scaled Viper, Russell's Viper, Common Krait
	2021	03	Russell's Viper, Common Krait
	2022	06	Bamboo Pit Viper, Russell's Viper,
	2023	04	Bamboo Pit Viper, Russell's Viper, Saw-scaled Viper

## CONCLUSION

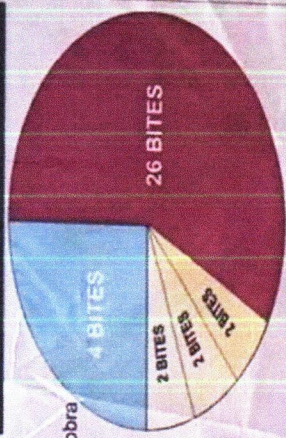
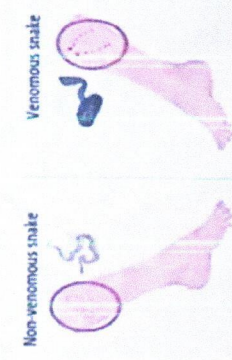
Snake bite is a common life-threatening emergency in the study area. Awareness programs were undertaken to aware the local people about the snakes and its importance and its role in the ecosystem. Various Campaign were taken to understand the conservation strategies.

## RESULT

A total number of 323 Snake bite cases were reported from the Dodamarg Tehsil. Out of 323, 36 cases of snake bites were of Venomous snakes and 287 were of Non-Venomous. In 36 snake bites cases, 21 cases were of male victim & 15 cases were of female victim. Total 162 Vials of Anti Snake Venom (ASV) has been used from past five years.

## REFERENCE

BOOK : "Snakes" text-Neelkumar Kharia 2010, Published by: Mard L. Paranjape, Jyotna Prakashan "Dhavalgar", 430-31 Shanwar Path Pune 411030. 1. Waret DA. Injuries, envenoming, poisoning and allergic reactions caused by animals. Oxford Textbook of Med 1984, 1984 635-640. [Google Scholar] 2. Vol. 10. WHO bulletin, 1954. Suroop and Grab. Snake bite Mortality in world; p. 35. [PMID free article] PubMed [Google Scholar]  
Photography by : Karan Masry



Species	AVS Dose	Mortality
Russell's Viper	42 vials	NA
Indian Spectacled Cobra	05 vials	NA
Saw-scaled Viper	65 vials	NA
Common Krait	12 vials	NA
Russell's Viper	13 vials	NA
Bamboo Pit Viper	25 vials	NA

IOAC Coordinator,  
A.D.K. Science College  
Dodamarg.



# Aavishkar

Inter-Collegiate/Institute/Department Research Convention

Category: C 4

Slot No.:

Level: UG

## Preparation of natural pesticide from plants for sustainable development of agriculture.

### Abstract:-

In 2017 more than 25 farmers were died in Yawatmal (M.S.) due to pesticide. So our aim is to prepare natural pesticide which is less toxic to sprayer but it is effectively control the pest. We prepare natural pesticides by using plants parts. Selection of plants was based on their chemical constituents present which is effectively acts as a pesticide. The plants parts of selected plants first collect, washed and used for preparation of its extract. The prepared water extract is providing to farmers having infectious crop. The total control of pest not done in single sprays, it requires 2-3 sprays on same crop. The action of natural pesticides is not instant but the results are better than synthetic pesticides. By this practice we not only try to conserve biodiversity but also improve botanical knowledge in farmer.

### Introduction:-

A pesticide is a toxic chemical substance or a mixture of substances or biological agents that are intentionally released into the environment in order to avert, deter, control and/or kill and destroy populations of insects, weeds, rodents, fungi or other harmful pests. Pests can be broadly defined as 'the plants or animals that jeopardize our food, health and our comfort'.

### Objectives of research study:-

Following are the objectives of the present work.

- Collection of Botanical information of plants used in preparation of natural pesticides.
- Selection of plants depending on their chemical constituents.
- Collection of plant samples from different places.
- Preparation of water extract from selected plants.
- Preparation of powder extract from selected plants.
- Study of pesticidal activity of prepared extract.
- Collection and Analysis of pesticides activity data.
- To create awareness about the use of natural pesticides in society.

### Methodology

#### Part I

The amount of pesticide was optimised by preparation of different concentration solution of pesticide and apply to affected plants.

Table: Activity of pesticide against aphids

Sl.no	Concentration of pesticides per litre	Total population of pest	Population of pest affected	% mortality rate of pest
1	1.0 ml	100	30/100	30%
2	5.0 ml	100	40/100	40%
3	6.0 ml	100	70/100	70%
4	7.0 ml	100	80/100	80%
5	7.5 ml	100	100/100	100%

### Part II

The study of pesticide was concentrated on selective farmers from Dodamarg talshil over a period of one month from October 2022 to November 2022. The entire work involves field work, gathering information about the study area and focused on group activities including responder's selection, report building with the respondents and preparation of sample structure. Total 3 groups were conducted for the study.

- Group A: farmer's age below 35 years.
- Group B: farmer's age between 35-50 years.
- Group C: farmer's age above 50 years.

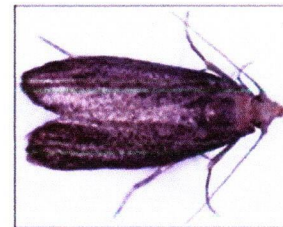
### Results:-

#### 1) Powder extract -For grain storage

The powder extract is used by farmers for grain storage like rice, maize, Jawar, wheat, etc. We provide 100gm powder extract to each farmer for preservation of grain from pest like rice weevil (*Sitophilus oryzae*), Angoumois grain Moth (*Sitotrogaceaelella*).



Rice Weevil (*Sitophilus oryzae*)



Angoumois grain Moth (*Sitotrogaceaelella*)

#### As a mosquito repellent

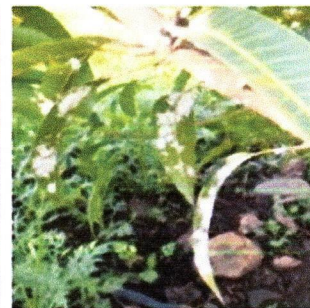
Powder extract of *Vitex negundo* is used as a mosquito repellent. Dried leaves of *Vitex negundo* when burnt in a fire, it acts as a mosquito repellent.

#### 2) Liquid Extract

This extract used to any plant which is affected by *Aphis medicaginis*, (Kala mava), *Metanaphis sacchari*, Beetles, white fly, grass hopper etc.



*Aphis medicaginis* (kala mava)



Aphid (Lokari mava)

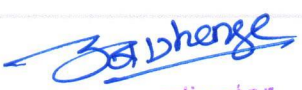
### Conclusion

Pesticides have proved to be a helpful for farmers as well as peoples all around the world by increasing agricultural yield, and by providing innumerable benefits to society indirectly. But the issue of hazards posed by synthetic pesticides to human health and environment has raised concerns about the safety of synthetic pesticides.

We observe that natural pesticides are better than synthetic pesticides. Natural pesticides are eco-friendly, cheap, easy to prepare, easily available, nontoxic to living organism and maintaining soil texture. Natural pesticides are better replacement for synthetic pesticides, but it requires public awareness about it.

### Reference:-

- [1] Sundaram M and Ranganathan TT. 2003. Indigenous Agricultural Practices for Sustainable Farming. Agrobios (India), Jodhpur, India. 311 pp.
- [2] Hebbalkar OS, Hebbalkar GD, Sharma RN, Joshi VS. 1992. Mosquito repellent activity of oils from *Vitex negundo* Linn. Leaves. Indian Journal of Medical Research 95:200-203.
- [3] Dr TanVinayaSatyawanSavitri. 2021. *Strychnos nuxvomica* - Kajara: A wild plant. Agriculture Science and Green Energy. Article No. - 01.

  
IQAC Coordinator,  
A.D.K. Science College  
Dodamarg.



  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



# Avishkar

Inter - Collegiate / Institute / Department Research Convention

Category :

Slot No. :

Level :

## PARTIAL CHECKLIST OF LONGHORNED BEETLES (COLEOPTERA : CERAMBYCIDAE) OF GOA STATE, INDIA

### ABSTRACT:

A partial checklist of longhorned beetles from the Western Ghats of Goa state is presented with 10 species under 10 genera of 4 subfamilies of Cerambycidae. Out of 10 species of longhorned beetles included here, 5 species viz. *Batocera rufomaculata* (DeGeer), *Tetraglenes hirticornis* (Fabricius), *Cyrtomys punctipennis* (White), *Acalolepta nivos* (White) and *Xylotrechus* sp. are reported for the first time from Goa. Among the 4 subfamilies, the subfamily Lamiinae is represented by 5 species followed by Cerambycinae 3 species, while, Disteniinae and Prioninae are represented by 1 species each. Images of some the species in their natural habitat are provided along with updated information on their current geographical distribution. This is the first partial checklist on longhorned beetles from Goa state.

### KEY WORDS:

Insect taxonomy, Geographical distribution, Wood boring beetles, Western Ghats, Biodiversity

### INTRODUCTION:

The members of the family Cerambycidae are one of the important coleopteran groups that include maximum insect diversity, represented by more than 36000 described species under 8 subfamilies (Monne et al., 2017).

The longhorned beetles are phytophagous group which are pestiferous on cultivated as well as forest trees. However, they are also one of the important group involved in recycling of fallen wood mass in forest ecosystem. Hence, these beetles are pertinent to study for their economic and ecological importance.

In recent times Kariyanna et al. (2017) provided a checklist of 1536 species of longicorn beetles under 8 subfamilies and 440 genera. However, the information on longhorned beetles from Goa has remained under reported in both classical as well as modern literature on the group. Hence, the present study provide a taxonomic account of 10 species of longhorned beetles from Goa state. A total of 5 species of longicorn beetles are reported for the first time from Goa state.

### MATERIALS AND METHODS:

The specimens observed in their native habitat were photographed and later identified by comparing them with the descriptions provided by Gahan (1906).

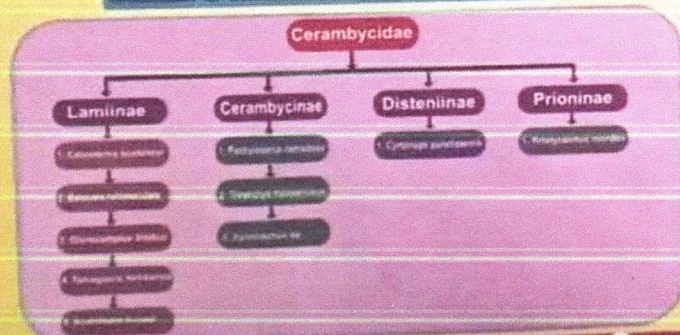
### RESULTS:

A total of 10 species of longhorned beetles under 4 subfamilies and 10 genera are documented from Goa state.

### LIST OF CERAMBYCIDAE RECORDED FROM GOA STATE

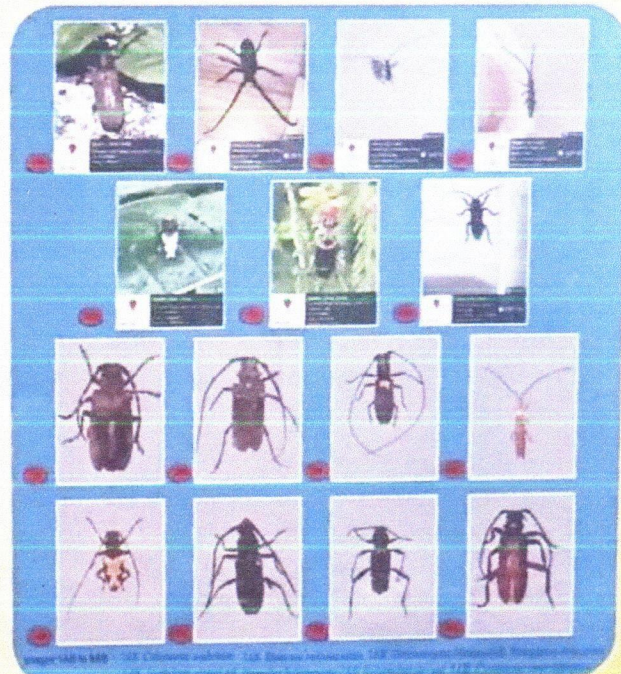
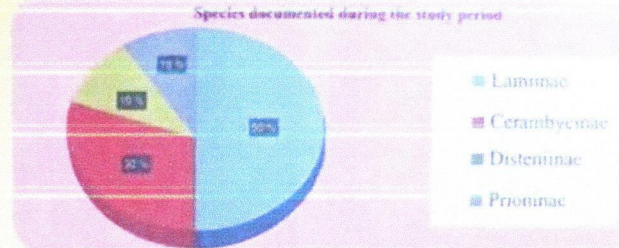
Sr. No.	Subfamily	Species Name	No. of genera	No. of species
1.	Lamiinae	<i>Celosterna scabrator</i>	5	5
2.		<i>Batocera rufomaculata</i>		
3.		<i>Olenecamptus bilobus</i>		
4.		<i>Tetraglenes hirticornis</i>		
5.		<i>Acalolepta nivos</i>		
6.	Cerambycinae	<i>Pachylocerus corallinus</i>	3	3
7.		<i>Trirachys holosericeus</i>		
8.		<i>Xylotrechus</i> sp.		
9.	Prioninae	<i>Prietyranus mordax</i>	1	1
10.	Disteniinae	<i>Cyrtomys punctipennis</i>	1	1

### CHECKLIST OF LONGHORNED BEETLES FROM GOA STATE



### DISCUSSION:

Species documented during the study period



### REFERENCES:

- Monne M.L., Monne, M.A. & Wang, Q. (2017) General morphology, classification and biology of Cerambycidae. In: Wang, Q. (Eds.), Cerambycidae of the World: Biology and Pest Management. CRC Press, Boca Raton, FL, pp. 1-76.
- Gahan, C.J. 1906. *Fauna of British India including Ceylon and Burma. Coleoptera* Vol. 1 (Cerambycidae). Taylor and Francis, London, 329p.
- Kariyanna, B. Mohan, M. Rajeev Gupta and Francesco Vitah. 2017. The checklist of longhorn beetles (Coleoptera: Cerambycidae) from India. *Zootaxa*, 4345(1): 001-317.
- Guidici V.S., Naik P.S and More S.V. First report of *Olenecamptus bilobus* Fabricius, 1801 (Coleoptera: Cerambycidae) from Goa, India. *Journal of Applied Entomology*, 2022; 2(2): 12-13.
- More S.V., Prashanth M.S. Report of *Celosternus scabrator* (Fabricius, 1781) (Coleoptera: Cerambycidae: Lamiinae) from Goa, India. *Entomol*, 2019; 44(3): 225-228.
- Naik P.S., More S.V. First report of *Acalolepta nivos* (Fabricius, 1787) (Cerambycidae: Lamiinae) from Goa, India. *Entomol*, 2020; 44(4): 307-308.
- Sen A., Rangnekar S., Rangnekar P., Ghate H.V. Record of *Prietyranus mordax* (White) and *Pachylocerus corallinus* Hope (Coleoptera: Cerambycidae) from Goa. *Zootaxa* 2005; 20(5): 1869-1870.

*Adhenge*  
IQAC Coordinator,  
A.D.K. Science College  
Dodamarg.



*Amud*  
Principal  
Amdar. Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudurg



# 4 Test

## Sample Question Paper



AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DODAMARG

DEPARTMENT OF CHEMISTRY

Multiple Choice Questions Test – 2

Class- T.Y.B.Sc

Chemistry Paper –III

Semester- VI

DATE- 08-02-2024

Q.1 Select and Write the Correct Alternative

1) The acid catalyzed transformation of an aromatic ketoxime to N- substituted amide is known as ..... rearrangement.

- a) Pinacol-pinacolone      b) favorski      c) Michael      d) Beckmann

2) Pinacol-Pinacolone rearrangements proceeds through the formation of ..... as an intermediate.

- a) carbanion      b) carbocation      c) free radical      d) none of the above

3) Addition of ..... to  $\alpha, \beta$  -unsaturated carbonyl compound is Michael addition reaction.

- a) carbocation      b) active methylene compound      c) amine      d) alcohol

4) The Beckmann rearrangement is highly ..... in nature.

- a) stereoselective      b) stereospecific      c) acid      d) basic

5) Which of the following is a polysaccharide?

- a) cellulose      b) glucose      c) mannose      d) lactose

6) Which of the following is a disaccharide?

- a) galactose      b) glucose      c) maltose      d) sucrose

7) Which of the following is aldose?

- a) ribose      b) ribulose      c) sorbose      d) xylulose

8) When ketone group is reacted with alcohol to give.....

- a) hemiketal      b) hemiacid      c) hemiacetal      d) none of these

9) Five membered oxide ring is called as .....

- a) pyranose      b) furanose      c) epoxide      d) oxirane

10) How many stereoisomers are possible for aldopentose?

- a) 16      b) 8      c) 4      d) 12





AMDAR DEEPAKBHAI KEASRKAR SCIENCE COLLEGE, DODAMARG

DEPARTMENT OF CHEMISTRY

Test – 2

Class- T.Y.B.Sc

Chemistry Paper –III

Semester- V

DATE- 11-08-2023

**Q. 1 Choose the correct options given below.**

**10M**

1. Pericyclic reaction involve formation of ..... transition state.  
a) tetrahedral    b) cyclic    c) non-cyclic    d) none of these
2. Acyl nucleophilic substitution proceed by ..... mechanism.  
a) tetrahedral    b) cyclic    c) non-cyclic    d) none of these
3. A transition state has .....  
a) highest energy and least stability  
b) least energy and least stability  
c) least energy and highest stability  
d) none of these
4. Pyrolysis of Acetate is ..... order of reaction.  
a) first    b) second    c) third    d) zero
5. In NGP the stereochemistry of product is .....  
a) reverse    b) remain same    c) retention  
d) none of these
6. All concerted reaction are .....  
a) electrophilic    b) nucleophilic    c) pericyclic    d) none of these
7. Acid catalyzed esterification of carboxylic acid take place through .....  
a) acyl-O bond fusion    b) acyl-O bond fission  
c) alkyl-O bond fusion    d) alkyl-O bond fission
8. Thermal reaction between conjugated diene and another unsaturated molecule is .....  
a) (4+2)    b) (2+2)    c) (3+2)    d) (3+4)
9. Cheletropic reaction is .....  
a) stereoselective    b) stereospecific    c) enantiotopic    d) diastereotopic
- 10) The process in which a molecule undergoes electronic excitation is known as ..... process.  
a) primary    b) secondary    c) tertiary    d) quaternary



# AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE, DODAMARG

## DEPARTMENT OF CHEMISTRY

### OPEN BOOK TEST-1

Date : 15/07/2023

Class-T.Y.B.Sc.

Chemistry Paper-I

Semester-V

Attempt any four from following

- Q1) Derive wave numbers of fundamental, first & second overtone bands?
- Q2) Define dipole moment? How it is helpful in elucidating the molecular structure of compound?
- Q3) Derive an equation for frequency separation of line in rotational spectrum of diatomic molecule?
- Q4) Distinguish between stokes & antistokes lines?
- Q5) The frequency separation of successive lines in the rotational spectrum of HCl is  $2012 \times 10^3 \text{ m}^{-1}$ . Calculate the inter-nuclear distance in the molecule





AMDAR DEEPAKBHAI KESARKAR SCIENCE COLLEGE, DODAMARG

DEPARTMENT OF CHEMISTRY

SURPRIZE TEST

Date :- 05/08/2023

Class-T.Y.B.Sc.

Chemistry Paper-I

Semester-V

**Attempt any four from following**

- Q1) Explain the isotopic shift in vibrational-rotational spectra?
- Q2) Derive the expression for frequency of lines in the rotational spectrum of diatomic molecule?
- Q3) Explain Raman Effect & Raman Shift?
- Q4) Derive thermodynamic relation between elevation in boiling point & molality of solution?
- Q5) A solution containing 0.9g of carbon tetrachloride ( $M=154$ ) in 50g of benzene was found to freeze at 277.9K. The freezing point of pure benzene is 278.5K. Calculate the molal depression constant of benzene.
- Q6) Give the Postulates of Collision theory.



**Amdar Deepakbhai Kesarkar Science College, Dodamarg**

**Criterion II**

**Teaching Learning and Evaluation**

**Key Indicator 2.3.1**

Student centric methods, such as experimental learning, participative learning and Problem solving methodologies are used for enhancing learning experience and teachers use ICT - enabled tools for effective teaching and learning process.

**Student Centric Methods: -**

**4. ICT – Enabled Tools**

Sr. No.	Particulars
1	Power Point Presentation (PPT)
2	Video lectures
3	Online Notes
4	You tube channels
5	Screen Recorder














# 1. Power Point Presentations (PPT)

## Department Of Chemistry

1. Mr. M. S. Patil

Subject - chemistry

Sr. No.	Name of the topic	PPT
<b>T. Y B.Sc</b>		
1	Agrochemical	 agrochemical.pptx
2	Mass Spectroscopy	 nmr.pptx
3	NMR	 mass spectroscopy.pptx
<b>S.Y B.Sc</b>		
1	Carbonyl Compound	 carbonyl compound.pptx
2	Eny Chemistry	 ENY CHE SY 2.pptx
3	Boron Chemistry	 boron.pptx
<b>F.Y. B.Sc</b>		
1	Atomic Structure	 atomic structure.pptx
2	Periodicity	 periodicity.pptx
3	Thermodyanamic	 thermodyanamic.pp tx












## 2. Mr. N. M. Chougale

### Subject – Chemistry

TY	Electrochemistry	Desktop/ ICT Tool/ NMC
	Certificate Course in Water Quality Analysis	Desktop/ ICT Tool/ NMC







## Physics

### Mr. P. R. Desai







Sr. No.	Name of topic	Link of PPT
1	Quantum Mechanics	 19_quantum.ppt
2	Optics mirror and lenses	 0708_optics_mirrors_and_lenses.ppt
3	Basic Quantum postulate	 BasicsofQM_Postulates.ppt
4	Thermodynamics	 Ch_15d-WDVEA.ppt
5	Ordinary differential Equation	 Chap_25.ppt
6	Alternating Current Circuits	 chapter33.ppt
7	Alternating Current Circuits	 chapter33.pptx
8	Alternating Current Circuits	 class16A.ppt
9	Differential Equation Presentation	 DiffEqPresent.ppt


















10	Laser and Fibre optics	 laser-ppt.ppt
11	Lenses	 lens powerpoint.ppt
12	Lenses	 lenses.ppt
13	Optical Aberrations	 optical-aberrations- 2010-1941-1941.ppt
14	Alternating Current Circuits	 Unit2-AC_Circuits.p pt
15	Alternating Current Circuits	 chapter33.ppt

### Department Of Zoology

Sr. No.	Name of Topic	Link
1	Taxonomy of Chordates	 TAXONOMY OF CHORDATESppt.ppt
2	Tetrapoda	 Superclass Tetrapoda.pptx
3	Sericulture	 Sericulture ppt.pptx
4	Scolidon Anatomy	 Scolidon Anatomy TY zoo 1.pptx
5	Population Genetics and Evolution	 Population Genetics and Evolut
6	Poisonous and Non- poisonous Snake	 Poisonous & Non-Poisonous Sna



7	Nutritional disease	 Nutritinal disease.pptx
8	Marine Ecosystem	 Marine Ecosysytem.pptx
9	Malnutrition Disorders	 Malnutrition disorders.pptx
10	Importance of Dietary Fibers	 Importance of dietary fibers.pptx
11	Hygiene and health	 Hygine and Health.pptx
12	Haematopoiesis	 Heamatopoisis 2.pptx
13	Haematopoiesis	 Heamatopoiesis 1.pptx
14	Grasshopper	 Grasshopper PPT - Copy.pptx
15	Fish Nutrition, live feed Culture	 Fish Nutrition, Live Feed Culture and Fc
16	Endocrine system	 Endocrine_Systemn ew - Copy.pptx
17	Economic Fishery	 Economic Fishery.pptx
18	Appendicular skeleton	 Appendicular skeleton.ppt
19	Hypothalamic and hypophyseal Hormones and Their functions	 1._HYPOTHALAMIC_ AND_HYPOPHYSEAL_






# DEPARTMENT OF BOTANY

Prof. Milind V. Golase











Sr. No.	Name of the Topic	Link of the PPTs
1)	Animal Classification	<a href="https://docs.google.com/presentation/d/1ru9Ltnn-Bb9QHvnybl_oDC8YoneFuKct/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1ru9Ltnn-Bb9QHvnybl_oDC8YoneFuKct/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true</a>
2)	Heredity and Variation	<a href="https://docs.google.com/presentation/d/1AYkysT7x43pa7k7QVMFS-J8hy7GPFQOi/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1AYkysT7x43pa7k7QVMFS-J8hy7GPFQOi/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true</a>
3)	Human Evolution	<a href="https://docs.google.com/presentation/d/1Nfwhw9copZeAroHxHq9647GLQ9jKI9M9/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1Nfwhw9copZeAroHxHq9647GLQ9jKI9M9/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true</a>
4)	Human Reproduction	<a href="https://docs.google.com/presentation/d/11Vy-29S_vusQqApQmW167MMDWLMPA5wa/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/11Vy-29S_vusQqApQmW167MMDWLMPA5wa/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true</a>
5)	Introduction to Biotechnology	<a href="https://docs.google.com/presentation/d/1qc038_7pOn53UXgEcSmRYpfvMWSAlGql/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1qc038_7pOn53UXgEcSmRYpfvMWSAlGql/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true</a>
6)	Life Processes	<a href="https://docs.google.com/presentation/d/1YLtjQSQf53e3GSlu6RKV0noix7Uf_ktv/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true">https://docs.google.com/presentation/d/1YLtjQSQf53e3GSlu6RKV0noix7Uf_ktv/edit?usp=drive_link&amp;ouid=117093787399259686186&amp;rtpof=true&amp;sd=true</a>

  
IQAC Coordinator,  
A.D.K. Science College  
Dodamarg.




  
Principal  
Amdar, Deepakbhai Kesarkar Science College  
Dodamarg, Tal. Dodamarg, Dist. Sindhudrug

**Mr. V. M. Hodawadekar**

Sr. No.	Name of Topic	Link of PPT
1	Cell Biology	 Cell Biology.ppt
2	Classification of Coniferophytes	 classification of coniferophyts.pptx
3	Pinus	 pinus.pptx
4	Classification of Coniferophytes	 classification of coniferophyts - Cop
5	Gymnosperm	 GYMNOSPERMS.ppt x
6	Cordaitea	 CORDAITES.pptx
7	Thallophyta	 Thallophyta.pptx
8	Thallophyta	 Thallophyta.pptx
9	Angiosperm	 Presentation (1).pdf
10	Components of xylem and phloem	 components-of-xyle m-and-phloem.pdf



  
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## 2. Video lectures

Mr. M. S. Patil

YOU TUBE LINK		
T. Y. B. Sc.		
1	Syllabus	<a href="https://youtu.be/_iBMk8rkfXA">https://youtu.be/_iBMk8rkfXA</a>
2	Reaction Mechanism	<a href="https://youtu.be/dJrE-83wlOA">https://youtu.be/dJrE-83wlOA</a>
		<a href="https://youtu.be/dTRHF7n2Xy8">https://youtu.be/dTRHF7n2Xy8</a>
		<a href="https://youtu.be/pMikLtObqXQ">https://youtu.be/pMikLtObqXQ</a>
		<a href="https://youtu.be/tuUsL4yCiRo">https://youtu.be/tuUsL4yCiRo</a>
		<a href="https://youtu.be/dTRHF7n2Xy8">https://youtu.be/dTRHF7n2Xy8</a>
3	photochemistry	<a href="https://youtu.be/w-UUpSCUm-g">https://youtu.be/w-UUpSCUm-g</a>
		<a href="https://youtu.be/PosgJMnUORQ">https://youtu.be/PosgJMnUORQ</a>
		<a href="https://youtu.be/k8JzEvIqjGo">https://youtu.be/k8JzEvIqjGo</a>
		<a href="https://youtu.be/dOAGOPsLoB8">https://youtu.be/dOAGOPsLoB8</a>
		<a href="https://youtu.be/fwaf0uhG5qk">https://youtu.be/fwaf0uhG5qk</a>
		<a href="https://youtu.be/vZQZTRqyY9Q">https://youtu.be/vZQZTRqyY9Q</a>
S. Y. B. Sc.		
1	Solution	<a href="https://youtu.be/IOPPUqCXSvc">https://youtu.be/IOPPUqCXSvc</a>
		<a href="https://youtu.be/zarNfiY3ZUQ">https://youtu.be/zarNfiY3ZUQ</a>
		<a href="https://youtu.be/ZLKqppKuPqw">https://youtu.be/ZLKqppKuPqw</a>
		<a href="https://youtu.be/fhj1Xpw1jrs">https://youtu.be/fhj1Xpw1jrs</a>
2	chemical kinetics	<a href="https://youtu.be/3gIw-F00-B0">https://youtu.be/3gIw-F00-B0</a>
		<a href="https://youtu.be/z7edstdn2gs">https://youtu.be/z7edstdn2gs</a>
		<a href="https://youtu.be/_FZ_KfQa1uQ">https://youtu.be/_FZ_KfQa1uQ</a>
		<a href="https://youtu.be/W0v91ixh-nI">https://youtu.be/W0v91ixh-nI</a>
		<a href="https://youtu.be/9D3CaifGDpk">https://youtu.be/9D3CaifGDpk</a>
		<a href="https://youtu.be/o77gpMV-BIA">https://youtu.be/o77gpMV-BIA</a>
		<a href="https://youtu.be/KzK6zoYpZbQ">https://youtu.be/KzK6zoYpZbQ</a>
		<a href="https://youtu.be/07d4VmWUxVw">https://youtu.be/07d4VmWUxVw</a>



**Mr. N. M. Chougale**

**List of Videos**

T.Y.	Chemical Kinetics	You Tube	<a href="https://studio.youtube.com/video/dZwm1MpF_JQ/edit">https://studio.youtube.com/video/dZwm1MpF_JQ/edit</a> <a href="https://youtu.be/dZwm1MpF_JQ">https://youtu.be/dZwm1MpF_JQ</a>
S.Y.	Electrochemistry	You Tube	<a href="https://youtu.be/Oyy_e62gHzw">https://youtu.be/Oyy_e62gHzw</a>
S.Y.	Chemical Thermodynamics	You Tube	<a href="https://youtu.be/22laYHXXiUo">https://youtu.be/22laYHXXiUo</a> <a href="https://youtu.be/Q7MYXI7-qil">https://youtu.be/Q7MYXI7-qil</a>
T.Y.	Chemical Thermodynamics	You Tube	<a href="https://youtu.be/AvFsPVevF-8">https://youtu.be/AvFsPVevF-8</a> <a href="https://youtu.be/IXBNd2huP8Y">https://youtu.be/IXBNd2huP8Y</a> <a href="https://youtu.be/Rbr736WqRx8">https://youtu.be/Rbr736WqRx8</a> <a href="https://youtu.be/2TP2pg5CsEg">https://youtu.be/2TP2pg5CsEg</a> <a href="https://youtu.be/oEuekpstCww">https://youtu.be/oEuekpstCww</a> <a href="https://youtu.be/8lr-DyeeNyl">https://youtu.be/8lr-DyeeNyl</a>

**Mr. A. B. Dhenge**

**Chemistry**

Sr. No.	Name of the topic	Video link / online notes
1	Molecular symmetry	1) <a href="https://youtu.be/RzBurnHScIk">https://youtu.be/RzBurnHScIk</a> 2) <a href="https://youtu.be/SIxcpxhruGU">https://youtu.be/SIxcpxhruGU</a> 3) <a href="https://youtu.be/RzBurnHScIk">https://youtu.be/RzBurnHScIk</a> 4) <a href="https://youtu.be/_zFX0e5Ghuk">https://youtu.be/_zFX0e5Ghuk</a> 5) <a href="https://youtu.be/vC2pE86y5Kw">https://youtu.be/vC2pE86y5Kw</a> 6) <a href="https://youtu.be/J50tr7CNijk">https://youtu.be/J50tr7CNijk</a> 7) <a href="https://youtu.be/6cY14TIXzgo">https://youtu.be/6cY14TIXzgo</a> 8) <a href="https://youtu.be/g_DTmQjklj4">https://youtu.be/g_DTmQjklj4</a>

  
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# Department of Zoology

## List of You tube Videos

### Course USZO 101

#### Semester 1

- <https://youtu.be/w2Q0CwKLBsM?si=51yyjCU6wQ1hIIY> : Echolocation
- <https://youtu.be/l6a8m6Ds6VM?si=vT-h9uPcRpn-d-rFE> : Adaptive feathers in desert animals
- [https://youtu.be/oQn7qyU5X8A?si=kpG\\_XpsBRx74ArHI](https://youtu.be/oQn7qyU5X8A?si=kpG_XpsBRx74ArHI) : Biodiversity hotspots in india

### Course USZO 201

#### Semester 2

- <https://youtu.be/4CAQN-nc8Ac?si=0ac3QfhZRpo-7gS7> : Population dynamics
- <https://youtu.be/c5WJvxIPLRo?si=Q9EX2EkigmknV9WK> : Mechanism of census population

### Course USZO 102

#### Semester 1

- [https://youtu.be/eYPfY-Rfxrw?si=5BVEk\\_hY5bwZc5\\_m](https://youtu.be/eYPfY-Rfxrw?si=5BVEk_hY5bwZc5_m) : DNA Fingerprinting
- <https://youtu.be/MEIXRLcC6RA?si=q6KSXrptBVaaOkLW> : Laboratory safety symbol
- <https://youtu.be/RiJ5SR2TwYY?si=eJfUnzupPr0rEi8C> : Laboratory Instrumentation

### Course USZO 202

#### Semester 2

- <https://youtu.be/jXcUaLPivVU?si=ONAtmxtMysSxEz> : Health and disease.

### Paper – USZO301

#### Semester 3

- <https://youtu.be/xTOMgXeGizU?si=-jt8dyd-Pc9LoIfa> : Dihybrid and monohybrid cross
- <https://youtu.be/xTOMgXeGizU?si=9iwQphHIzv27kRCe> : Structure of Chromosome

### Paper – USZO401

#### Semester 4

- [https://youtu.be/0E4p34mqJbg?si=uS\\_RGDjn2Txp5HeS](https://youtu.be/0E4p34mqJbg?si=uS_RGDjn2Txp5HeS) : Structure of DNA



## **Paper – USZO302**

### **Semester 3**

<https://youtu.be/RVznGOcCGxc?si=-D1BQEkfovmsJcN-> : Digestive system of cockroach

<https://youtu.be/oxg0K1BuPoo?si=VCAyAmHxEABIGmWe> : Reproduction in Human

[https://youtu.be/RCIEbcPD9q0?si=RZYTUC\\_M34y8aMQp](https://youtu.be/RCIEbcPD9q0?si=RZYTUC_M34y8aMQp) : Control and coordination in humans.

## **Paper – USZO402**

### **Semester 4**

[https://youtu.be/t5DvF5OVr1Y?si=A3Xy0Ke24z\\_d\\_gs4](https://youtu.be/t5DvF5OVr1Y?si=A3Xy0Ke24z_d_gs4) : Ultrastructure of Cell

<https://youtu.be/YO244P1e9QM?si=McU7cr1xOvQDFlol> : Biomolecules

## **Paper – USZO303**

### **Semester 3**

<https://youtu.be/Snip80MJuJE?si=THkR-g6SByzwII10> : Ethology

## **Paper – USZO403**

### **Semester 4**

<https://youtu.be/iqKecKwMhY4?si=aoMxe27fTwtZRwGx> : Dairy Science

<https://youtu.be/xVl3frJRdc4?si=j3GfpQk2atw4FA3Y> : Apiculture

## **Paper – USZO501**

### **Semester 5**

[https://youtu.be/dva-f\\_btvk?si=ZfEBeignlZTafAuA](https://youtu.be/dva-f_btvk?si=ZfEBeignlZTafAuA) : Levels of Organization

[https://youtu.be/APkHKOf9rG4?si=0kKSBH7tjD\\_JTP3t](https://youtu.be/APkHKOf9rG4?si=0kKSBH7tjD_JTP3t) : Kingdom Animalia

## **Paper – USZO601**

### **Semester 6**

<https://youtu.be/T8-zWCyiR7w?si=MV5Gh31iLYhnePIk> : Phylum chordata

## **Paper – USZO502**

### **Semester 5**

<https://youtu.be/yj7bfZKlIp8?si=FkigJ4cguo4httyY> : Composition and structure of Blood

<https://youtu.be/xQiF2ZwI2uo?si=xGdCpiFeKfyGJNyV> : Introduction to Immunology.





## Paper – USZO602

### Semester 6

<https://youtu.be/0GSRbmcNh3A?si=pM-C63c2Y1L6R1IW> : Endocrine system

## Paper – USZO503

### Semester 5

[https://youtu.be/0U5J\\_unEM-Q?si=etg7zXZ9Fe6vyLdw](https://youtu.be/0U5J_unEM-Q?si=etg7zXZ9Fe6vyLdw) : Histology

[https://youtu.be/M8IrdJ4Lyw?si=HfZ9Q\\_uEWhgXjxwM](https://youtu.be/M8IrdJ4Lyw?si=HfZ9Q_uEWhgXjxwM) : Pathology

## Paper – USZO504

### Semester 5

<https://youtu.be/SF2mqR8sDag?si=Le71J4YImD6ktr9k> : Integumentary Derivatives

<https://youtu.be/ecKqo58A0B8?si=l2HhtFysLaABsy9h> : Human Skeletal System

## Paper – USZO604

### Semester 6


<https://youtu.be/3CyEqInL2kI?si=LWN0TtSzV6nujbK6> : Zoogeographical realms

## Fishery Biology

### Semester 5

<https://youtu.be/cs4VHO7x6ew?si=FqxM6fmlvlDE2f3I> : Types of Aquaculture

<https://youtu.be/IXMCJyYxsbM?si=30rjBNCGbZBqHEGj> : Fresh Water Fish

  
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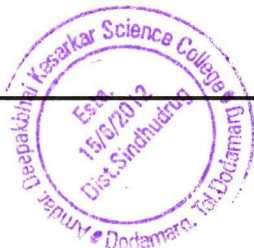


  
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### 3. Online notes

Mr. M. S. Patil

ONLINE NOTES		
T.Y. B. Sc.		
Organic Reaction Mechanism		<a href="https://drive.google.com/file/d/1vX1NAefV8fBfcJW6zBZtzM0UHXD7UCfe/view?usp=drive_link">https://drive.google.com/file/d/1vX1NAefV8fBfcJW6zBZtzM0UHXD7UCfe/view?usp=drive_link</a> <a href="https://drive.google.com/file/d/1O6YU3xWviKSpEdhMf7bzunYhL1Rx1g8L/view?usp=drive_link">https://drive.google.com/file/d/1O6YU3xWviKSpEdhMf7bzunYhL1Rx1g8L/view?usp=drive_link</a>
Photochemistry		<a href="https://drive.google.com/file/d/1uBqpyq9Y7VFAtrP6B7BZOR7KHv6AbM78/view?usp=drive_link">https://drive.google.com/file/d/1uBqpyq9Y7VFAtrP6B7BZOR7KHv6AbM78/view?usp=drive_link</a> <a href="https://drive.google.com/file/d/1Hskl-x5KnjT1VTG2WOKX26dZFcg24ivg/view?usp=drive_link">https://drive.google.com/file/d/1Hskl-x5KnjT1VTG2WOKX26dZFcg24ivg/view?usp=drive_link</a>
Molecular Rearrangement		<a href="https://drive.google.com/file/d/1TBrvnHxoCGsF8AOWPoCJ5hvkSK5nkAqr/view?usp=drive_link">https://drive.google.com/file/d/1TBrvnHxoCGsF8AOWPoCJ5hvkSK5nkAqr/view?usp=drive_link</a>
IUPAC nomenclature		<a href="https://drive.google.com/file/d/1A6DXBbfDYNbmvtPn_3M2q6CHiDMLYRhp/view?usp=drive_link">https://drive.google.com/file/d/1A6DXBbfDYNbmvtPn_3M2q6CHiDMLYRhp/view?usp=drive_link</a>
Heterocyclic Chemistry		<a href="https://drive.google.com/file/d/1GbAWGmOMjdIXRuqvcxSvlho5Di2bIRec/view?usp=drive_link">https://drive.google.com/file/d/1GbAWGmOMjdIXRuqvcxSvlho5Di2bIRec/view?usp=drive_link</a>
Carbohydrate		<a href="https://drive.google.com/file/d/17dhq1UhO1VxTKqsoHiXw6y1dDsu2Fv2q/view?usp=drive_link">https://drive.google.com/file/d/17dhq1UhO1VxTKqsoHiXw6y1dDsu2Fv2q/view?usp=drive_link</a>
Practical		<a href="https://drive.google.com/file/d/1H3NzxVL_poA9243iZovHI4ak7X1pRTzs/view?usp=drive_link">https://drive.google.com/file/d/1H3NzxVL_poA9243iZovHI4ak7X1pRTzs/view?usp=drive_link</a>
S. Y. B. Sc.		
Solid State		<a href="https://drive.google.com/file/d/1r3grvEbDXfh4rOEhZXaKzFgfhKOckajL/view?usp=drive_link">https://drive.google.com/file/d/1r3grvEbDXfh4rOEhZXaKzFgfhKOckajL/view?usp=drive_link</a>
Ions in Aqueous Media		<a href="https://drive.google.com/file/d/1tGNdy0_YMTvoiWcViXNtnITS1AH4qEBL/view?usp=drive_link">https://drive.google.com/file/d/1tGNdy0_YMTvoiWcViXNtnITS1AH4qEBL/view?usp=drive_link</a>
Practical		<a href="https://drive.google.com/file/d/1Ilijqc9PGRAumYt5wFr7HQG1iDPQhva/view?usp=drive_link">https://drive.google.com/file/d/1Ilijqc9PGRAumYt5wFr7HQG1iDPQhva/view?usp=drive_link</a> <a href="https://drive.google.com/file/d/12Vlz94KanZOumTmrAUr4JYGvCyZOxf8C/view?usp=drive_link">https://drive.google.com/file/d/12Vlz94KanZOumTmrAUr4JYGvCyZOxf8C/view?usp=drive_link</a>
F. Y. B. Sc.		
Thermodynamic		<a href="https://drive.google.com/file/d/1NJwysrptUE0irtDpcJnSOVmLPVb-ejPg/view?usp=drive_link">https://drive.google.com/file/d/1NJwysrptUE0irtDpcJnSOVmLPVb-ejPg/view?usp=drive_link</a>
Stereochemistry		<a href="https://drive.google.com/file/d/1L5k52YlilqphohwrgeV_eCLXA_9W84f8/view?usp=drive_link">https://drive.google.com/file/d/1L5k52YlilqphohwrgeV_eCLXA_9W84f8/view?usp=drive_link</a>
Gaseous State		<a href="https://drive.google.com/file/d/1zncqaE3soBUY8-WxTbfbYo-QEP_p1XAg/view?usp=drive_link">https://drive.google.com/file/d/1zncqaE3soBUY8-WxTbfbYo-QEP_p1XAg/view?usp=drive_link</a>
Fundamental of organic reaction		<a href="https://drive.google.com/file/d/1RkkUKGlaTutBNwXDTOybY8uPAH5pDJ78/view?usp=drive_link">https://drive.google.com/file/d/1RkkUKGlaTutBNwXDTOybY8uPAH5pDJ78/view?usp=drive_link</a>





	<a href="https://drive.google.com/file/d/10mvrRAx1p0F1Nq_LPmIXiU9rryFYOb5d/view?usp=drive_link">https://drive.google.com/file/d/10mvrRAx1p0F1Nq_LPmIXiU9rryFYOb5d/view?usp=drive_link</a>
Acid Base theory	<a href="https://drive.google.com/file/d/1-uvQwyqot9oqmVcPDZ339gzF2tbH3O3M/view?usp=drive_link">https://drive.google.com/file/d/1-uvQwyqot9oqmVcPDZ339gzF2tbH3O3M/view?usp=drive_link</a>
Concept of Qualitative Analysis	<a href="https://drive.google.com/file/d/11W60LswJyVx49i95OP11QYMdIRiNhot0/view?usp=drive_link">https://drive.google.com/file/d/11W60LswJyVx49i95OP11QYMdIRiNhot0/view?usp=drive_link</a>

### Department of Chemistry

Name of the teacher: Mr. Amit B. Dhenge

Sr. No.	Name of the topic	Video link / online notes
1	Molecular symmetry	<a href="https://drive.google.com/file/d/1_V2QD6hxV5xuxNdRiO63YgJSroYY-MjQ/view?usp=drivesdk">https://drive.google.com/file/d/1_V2QD6hxV5xuxNdRiO63YgJSroYY-MjQ/view?usp=drivesdk</a>
2	Structure of solid	<a href="https://drive.google.com/file/d/1XQXuID93GJ4qePHL--qwX0HifQfXobdG/view?usp=drive_link">https://drive.google.com/file/d/1XQXuID93GJ4qePHL--qwX0HifQfXobdG/view?usp=drive_link</a>
3	Lanthanides	<a href="#">Adobe Scan 27-Sep-2021 (1)(Shared) - Adobe cloud storage</a>

### 4. You Tube Channels.

Sr. No.	Name of the Teacher	You Tube Channel
1	Mr. M. S. Patil	@chem – solve 3434
2	Mr. N. M. Chougale	Nitin Chougale
3	Mr. A. B. Dhenge	Dhenge Sir

*A. B. Dhenge*

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*G. S. G.*  
Principal

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## 5. Screen Recorder

Mr. N. M. Chougale

chemistry

1.	T.Y.	Surface Chemistry	Screen Recorder	Desktop/ ICT Tool/ NMC
2.	S.Y.	Chemical Bonding	Screen Recorder	Desktop /ICT Tool/ NMC

  
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