



Vidya Vikas Shikashan Sanstha, Hinganghat.(College Code : - 707)

MATOSHRI ASHATAI KUNAWAR

ARTS, COMMERCE & SCIENCE WOMENS COLLEGE

SantTukadoji Ward, Nandori Road, Hinganghat, DistWardha - 442301

(Affiliated to RashtrasantTukadojiMaharaj Nagpur University, Nagpur)

E - Mail Id: - makm.college@gmail.com

Mobile No.: - 9850808807 (Office No.: - 8483922491) (Estd. 2018)

Principal
Dr. Umesh Tulaskar

NAAC Accredited B+
2024

DEPARTMENT OF BOTANY

Annual Report 2024-25

1. Faculty profile

Sr. No	NAME	DESIGNATION	QALIFICATION	EXPERIENCE(Years)
1.	Ms. Darshana S. Rendhe	Asst. Prof (CHB). & Head	M.Sc. (Bot.), B. Ed	04 Years (C.H.B.)
2.	Ms. Harshada G. Raut	Assistant professor (CHB)	M.Sc. (Bot.),	1 Year (C.H.B.)
3.	Ms. Vaidarbhi V. Gungrud	Assistant professor (CHB)	M.Sc (Bot), B.Ed App.	03 Year (C.H.B)

1. Students Profile

Class	Admitted Students	Appeared for exam	Pass	Success %	Fail
B.Sc. Sem. I	24	21	06	28.57	15
B.Sc. Sem. II	-	-	-	-	-
B.Sc. Sem. III	74	72	62	86.11	10
B.Sc. Sem. IV	73	73	14	19.17	59
B.Sc. Sem. V	12	12	12	86.67	00
B.Sc. Sem. VI	22	22	13	59.09	09
M.Sc. Sem. I	25	25	02	8.00	23
M.Sc. Sem. II	22	22	04	18.18	18

2. Changes made in the courses or programmed during this session and the contribution of the faculty to those changes.

a) Changes made in the course of programme during this session

"Major changes have been introduced in the Semester I syllabus, aligned with the National Education Policy (NEP) 2020, for the 1st year program. A new syllabus has been designed for the subject of Botany, which will come into effect from the academic session 2024-25 and onwards.

3. The learning resources of the department

Library

- In **Botany**, our library has 204 books costing of Rs.2,08064.90 up to 07/02/2025 and also forms a sectional library of Botany. Sectional library has different books. These books are handed over to students for the regular use by the college library.
- In Library number of Journals and Magazines.
- Provide Internet Facility.

4. Number of major and minor Instruments in the Department

- In **Botany** Department has 05 instruments Costing **Rs. 342238** up to 29/4/2023. These instruments use students for regular practical.

5. Study Tour:

The department does organize field study tour for the all- B . S c . students, and M.Sc Students also at Gaushala, Aashram, Lasanpur

Modern teaching methods practiced and use of ICT in teaching – learning

a) Teaching methods:

- Plain Lecture, Question-answer, Interaction, Group discussion, etc on online mode throughout the year.
- Demonstration of practical's online mode.
- Explanation using Charts and Power point presentations.
- Use internet facilities for providing recent information.
- Use Smart board for teaching, smart class room available in college.

b) Evaluation methods:

- Students are evaluated time to time, for that purpose following practices are conducted viz. Oral, Unit-tests, Seminars, Term-end exam., Home assignments, University examination, surprised test and working and field-based project is used through online mode on Google form.

c) Use of ICT:

- LCD Projector, Computer, Scanner, Internet facilities, smart class room etc.

6. Participation of teachers in academic and personal counseling of students

The teachers of the department interact with the students personally at the time of teaching to conduct some extra classes during remedial coaching under mentor – mentee system. During this interaction students can talk freely with the teachers. From this interaction the faculty comes to know the socioeconomic background of the student. Teaching faculty can solve personal difficulties of the students & also give personal financial assistance to needy students. The faculty also does academic as well as personal counseling in selecting the proper carrier in future.

FACULTY INFORMATION

Participation/contribution of teachers to the academic activities including teaching, consultancy and research:

A) Teaching work load

Sr. No.	Name of the lecturer	Subject	Class	Periods Allotted		Total Work Load	Extra	Remarks
				L	P/T			
1	Ms. Darshana S. Rendhe	Botany	B.Sc. sem. I/ II	03	06	24	01	
			B. Sc sem. III/ IV	03	03			
			B. Sc. III	03	06			
2	Ms. Harshada G. Raut	Botany	B.Sc. sem. I/ II	03	06	24	01	
			B. Sc sem. III/ IV	03	03			
			B. Sc. III	03	06			
3.	Ms. Vaidarbhi V. Ghungrud	Botany	B.Sc. sem. I/ II	-	06	21	01	
			Practical	03	02			
			M.Sc. I/II	04 03	03			

A) Participation in co- Curricular activities:

Sr. No.	Name of Programme	Date	Name of Organizer
1.	“Tree Plantation and environmental conservation” program marks the beginning of a new academic session	08-07-2024	Ms Darshana S Rendhe Ms. Harshada G. Raut
2.	Two Days Technical Workshop on instrumental handling	10-7-2024 to 11-07-2024	Ms Darshana S Rendhe Ms. Harshada G. Raut
3.	World Nature Conservation Day	03-08-2024	Ms Darshana S Rendhe & Ms. Harshada G. Raut
4.	Inauguration of Botanical Society	13-08-2024	Ms Darshana S Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi V. Gungrud
5.	Ranbhaji Mahostav-2024	22-08-2024	Ms Darshana S Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi V. Gungrud
6.	One Day Study Tour	11-01-2025	Ms Darshana S Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi V. Gungrud
7.	World Wetland Day	03-02-2025	Ms Darshana S Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi V. Gungrud
8.	Industrial Visit For PG Students	11-02-2025	Ms Darshana S Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi V. Gungrud
9.	Extension Activity Program	27-02-2025	Ms Darshana S Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi V. Gungrud
10.	National Science Day	28.02.2023	Department of Science

Extra-Curricular activities:

1. College and self- Development Activities:-

- Plantation; College campus, Village, Garden, etc.
- Water Harvesting
- Library facility Use; use of N-List, books reading, Internet Facility Use: Use of Computer lab through students
- Physical Education: Use of Gym, games, etc.

2. Social Activities

1. Plant photography excursions: Group outings to capture images of plants in their natural habitats.
2. Herbarium visits: Tours or volunteer opportunities at herbaria, collections of preserved plant specimens.



Principal

Date: - 30 June 2024

**MATOSHRI ASHATAI KUNAWAR ARTS,
COMMERCE & SCIENCE WOMENS COLLEGE,
HINGANGHAT**



**TREE PLANTATION AND ENVIRONMENT
CONSERVATION**

ORGANIZED BY

**DEPARTMENT OF NATURE CLUB AND
DEPARTMENT OF BOTANY**

DATE 8/07/2024



Name of activity: Organised "Tree plantation and environmental conservation" program marks the beginning of a new academic session.
Name of Programme Organizer: Department of Botany Prof. Darshana S. Rendhe, Prof. Harshada Raut.
Details of organization with Address: Matoshri Ashatai Kunawar Arts, Commerce & Science women's college, Hinganghat
Date of Conduction: 08 July 2024
Participant Count: Faculty : -25
Brief Description: On 8th July 2024 Matoshri Ashatai Kunawar women's college organised "Tree plantation and environmental conservation" program marks the beginning of a new academic session. The event was held to emphasize the importance of trees in human life and to promote environmental conservation. The chief guests included Dr. Umesh Tulaskar, Principal of Matoshri Women's college, Dr. Sapana Jaishwal, Vice Principal, and other dignitaries from various educational institutions. The Botany Department's Head, Prof Darshana Rendhe, and Prof Harshada Raut were also present. The Botany Department and Nature Club jointly organized the event, which was supported by all faculty members, staff, and students of the college. The article highlights the significance of trees in our lives and the need to plant more trees to reduce pollution, global warming, and maintain ecological balance. Objective:- 1. Environmental conservation: To protect and preserve the natural environment by reducing pollution, soil erosion, and climate change. 2. Wildlife habitat: To create a habitat for various species of animals, birds, and insects. 3. Soil conservation: To prevent soil erosion and landslides by planting tree roots that hold soil in place. 4. Climate change mitigation: To absorb carbon dioxide and produce oxygen to combat climate change. 5. Aesthetic value: To enhance the beauty of the landscape and create a peaceful environment. 6. Social benefits: To provide shade, improve air quality, and create recreational spaces for communities. 7. Economic benefits: To generate income through timber, fruits, and other forest products. 8. Water cycle regulation: To maintain water cycles and prevent water scarcity. 9. Noise reduction: To act as a natural sound barrier and reduce noise pollution. 10. Improved air quality: To purify the air by removing pollutants and particulate matter. Outcomes of the Activity: 1. Oxygen Production: Trees produce oxygen through photosynthesis, which is essential for human and animal life. 2. Carbon Sequestration: Trees absorb carbon dioxide, a greenhouse gas, from the atmosphere, helping to combat climate change. 3. Soil Erosion Prevention: Tree roots hold soil in place, preventing erosion and landslides.

4. Wildlife Habitat: Trees provide food, shelter, and habitat for various species of animals, birds, and insects.
5. Air and Water Purification: Trees help purify the air and water by removing pollutants and toxins.
6. Climate Regulation: Trees provide shade, cool the air through evapotranspiration, and block winds, regulating the climate.
7. Noise Reduction: Trees act as a natural sound barrier, reducing noise pollution.

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**MATOSHRI ASHATAI KUNAWAR ARTS, COMMERCE
& SCIENCE WOMEN'S COLLEGE, HINGANGHAT**

Organizes

**TWO DAYS TECHNICAL WORKSHOP
ON INSTRUMENTAL HANDLING**

**Venue: Tulaskar Institute
of Pharmacy, Hinganghat**

Date: 10/07/2024 and 11/07/2024

Time: 12:00 P.M-4:00 P.M

**RESOURCE PERSON: MS. ANJU TANNA
MS. PAYAL BAKANE**

Name of activity: Organised "One Day Technical Workshop on Instrumental handling" for Teaching Staff.
Name of Programme Organizer: Department of Botany & Department of Science Prof. Darshana S. Rendhe, Prof. Harshada Raut.
Details of organization with Address: Matoshri Ashatai Kunawar Arts, Commerce & Science women's college, Hinganghat
Objectives of the Program: 1. Enhance participants' knowledge and skills in handling and operating various instruments and equipment. 2. Provide hands-on training and practical experience in instrument handling and maintenance. 3. Familiarize participants with the latest technologies and advancements in instrumental handling. 4. Improve participants' understanding of instrument calibration, troubleshooting, and repair. 5. Foster a culture of safety and responsibility in instrument handling.
Date of Conduction: 10 July 2024
Participant Count: Faculty: -10
Brief Description: "Instrumental Handling Workshop at Matoshri Women's college - Science Department" "Science means new experiments and experiments mean instruments. Understanding these instruments in depth and handling them properly is essential. With this need in mind, the Science Department of Matoshri Women's college organizes an instrumental handling workshop every year. This year, a one - day instrumental handling workshop was organized at Matoshri Ashatai Kunawar Arts, Commerce, and Science College, Hinganghat. The workshop was conducted by Prof. Anju Tanna and Prof. Payal Bakane. Various instruments like pH meters, laminar air flow, autoclaves, and flame photometers were demonstrated. The importance of proper handling of instruments in experiments was emphasized. The workshop was attended by Dr. Umesh Tulsarkar, Principal of Matoshri Ashatai Kunawar Arts, Commerce & Science women's college, Hinganghat, and other faculty members. The success of the workshop was attributed to the efforts of Prof. Pranita Ashtankar, Prof. Anushree Bhoyar, Prof. Komal Nandurkar, Prof. Darshana Rendhe, Prof. Harshada Raut, Prof. Sneha Sangole, Prof. Rohini Borkar, Prof. Rakesh Lonkar, and Prof. Kiran Kashti." Outcomes of the Activity: 1. Improved knowledge and understanding of instrument handling and operation. 2. Enhanced practical skills in instrument calibration, troubleshooting, and maintenance. 3. Increased confidence in using instruments and equipment. 4. Better understanding of safety protocols and procedures. 5. Familiarity with new technologies and advancements in instrumental handling. 6. Improved data analysis and interpretation skills. 7. Enhanced collaboration and knowledge sharing among participants. 8. Increased productivity and efficiency in work processes. 9. Reduced instrument downtime and repair costs. 10. Improved overall quality of work and results.

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MATOSHRI ASHATAI KUNAWAR ART'S COMMERCE AND
SCIENCE WOMEN'S COLLEGE HINGANGHAT

NATURE CONSERVATION DAY

Department of Botany

Date-03/08/2024, Saturday

Time-11:00Am

Guest Speaker

Dr.Nayana s.

Shirbhate

Organized by

Prof.Darshana s. Rendhe

prof.Harshada g.Raut

Name of activity : Celebrating “Nature Conservation Day”
Name of Programme Organizer: Department of Botany, Matoshri Ashatai Kunawar Arts, Commerce & Science women’s college, Hinganghat.
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women’s college, Hinganghat
Objectives of the Program: 1. Educate people about the importance of preserving biodiversity and ecosystems. 2. Encourage individuals, communities, and governments to take action to protect and preserve the natural world. 3. Highlight the impact of human activities on the environment and promote sustainable practices.
Date of Conduction : 03 August 2024
Participant Count : Faculty :- 16 Students :- 60
Brief Description On the occasion of Nature Conservation Day, a workshop was organized at Matoshri Ashatai Kunawar Women's College, Hinganghat. Dr. Umesh Tulaskar, Principal of the college, presided over the event, while Dr. Nayana Shirbhate, Vice-Principal of Vidya Vikas College, Samudrapur, was the guest speaker. Dr. Shirbhate emphasized the importance of environmental conservation and tree plantation, highlighting that many organizations and individuals plant trees on Environment Day but often neglect their maintenance. She advised focusing on nurturing and conserving existing trees rather than just planting new ones. Additionally, she stressed that tree conservation is more crucial than tree plantation, as people often mistakenly believe that trees will automatically grow if planted during the monsoon season. However, tree care is vital for future generations. The program aimed to raise awareness about the importance of conserving natural resources and promoting environmental conservation. Faculty members, students, and staff attended the event, appreciating Dr. Shirbhate's valuable guidance and insights. Prof. Darshana Redhe conducted the program, and Prof. Harshada Raut expressed gratitude to all participants. The program's success was due to the cooperation of all faculty members, staff, and students from the Arts, Commerce, and Science departments. Outcomes of the activity : 1. Enhanced quality of life and human well-being. 2. Preservation of natural resources for future generations. 3. Conservation of biodiversity and endangered species.

PHOTO:





***Matoshri Ashatai kunawar Art's
commerce and science women's college
hinganghat***

Department of Botany
**Organize Inauguration of
Botanical Society**



**Venue :- MAK College
Auditorium Hall**

**Date: 13 August 2024
Time :- 9:30Am**

**Organizer
Ms.Darshana S.Rendhe
Ms. Harshada G. Raut
Ms. Vaidarbhi Ghungrud**

Name of Activity : Inauguration of Botanical society.
Name of Programme Organizer: Department of Botany Organizer:- Ms. Darshana S. Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi Gungrud
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women's college, Hinganghat
Objectives of the Program: 1. Establish a platform for botany enthusiasts to share knowledge and ideas. 2. Promote research, education, and conservation of plant diversity. 3. Foster collaboration among botanists, researchers, students, and professionals. 4. Encourage interdisciplinary approaches in botany. 5. Provide opportunities for networking, skill development, and career advancement.
Date of Conduction : 13 August 2024
Participant Count : Students :- 46
Brief Description Matoshri Ashatai Kunawar Arts, Commerce & Science women's college, Hinganghat organized Inauguration of Botany Department program. The program presided over by Chief guest Principal of Brilliant convent Hinganghat and Head of Marathi Department Prof. Ajay Bhire Sir of M.A.K college of Hinganghat. Prof. Darshana Rendhe Head of Botany Department preface over the program. All were welcome by dignitaries on the occasion of program. On the occasion Chief Guest elaborated the importance of Botany Department. Prof. Harshada G. Raut gives the votes of thanks. All the professors of Science department are present over the program. Outcomes of the activity : ➤ Creation of opportunities for student mentorship, internships, and career development. ➤ Organization of conferences, seminars, and events promoting botany. ➤ Publication of scientific journals, newsletters, and educational materials. ➤ Contribution to plant conservation, sustainability, and environmental initiatives. ➤ Enhanced research collaborations and knowledge sharing.

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**MATOSHRI ASHATAI KUNAWAR ART'S
COMMERCE AND SCIENCE WOMEN'S
COLLEGE HINGANCHAT**

**DEPARTMENT OF BOTANY & HOME
ECONOMICS**

**ORGANIZE
RANBHAJI MAHOTSAV 2024**

**GUEST SPEAKER
DR NAYANA S. SHIRBHATE**

DATE:- 22/08/2024

TIME:- 9:30AM

**VENUE:- MAK WOMEN'S
COLLEGE HINGANGHAT**

**ORGANIZER
PROF.DARSHANA S. RENDHE
PROF.ASHA GHATE
PROF.HARSHADA F RAUT
PROF.VAIDARBHI GHUNGRUD**

Name of Activity : Ranbhaji Mahostav - 2024
Name of Programme Organizer: Department of Botany & Home economics
Organizer:- Ms. Darshana S. Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi Gunrud Ms. Asha Ghate
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women's college, Hinganghat
Objectives of the Program: ▪ Promote awareness about wild edibles and their importance. ▪ Showcase traditional knowledge and usage of wild edibles. ▪ Encourage sustainable foraging and conservation. • Enhance community engagement and cultural exchange. ▪ Provide hands-on experience for students in botany, nutrition, and culinary arts. ▪ Encourage healthy eating habits and nutrition awareness.
Date of Conduction : 28 August 2024
Participant Count : Students :- 46
Brief Description Matoshri Ashatai Kunawar Arts, Commerce, and Science womens College, Hinganghat, organized Ranbhaji Mahotsav, a festival celebrating wild edibles, jointly by the Botany and Home Economics departments. The event was graced by Chief Guest: Shri Pandurang Tulaskar sir Guests of Honor Dr. Nayana Shirbhate, Vice Principal, Vidya Vikas college, Samudrapur, and Dr. Sapna Jaiswal, Vice Principal, Matoshri women's college, Hinganghat Head of Botany Department Prof. Darshana Rendhe, Prof. Harshada Raut, Prof. Vaidarbhi Gungurd (Botany), and Head of Home Economics department Prof. Asha Ghate. Dr. Nayana Shirbhate inaugurated the festival. The exhibition showcased various wild edibles, and some were available for sale. Dishes prepared from wild edibles like Suran, Rajgira, Math, Kudar, Tarota, Chafa, Katwal, Chivdi, Ghol Bhaji, Bhendi, Chawli, Kena, Shevga, and Kartuli were displayed, along with their recipes. Dr. Nayana Shirbhate highlighted the importance of wild edibles and explained their various benefits. The program was conducted under the guidance of Principal Dr. Umesh Tulaskar, anchored by Prof. Harshada Raut, and coordinated by Prof. Darshana Rendhe. All faculty members, non-teaching staff, and students from the Arts, Commerce, and Science departments contributed to the event's success. Outcomes of the activity : - Increased awareness about wild edibles and their benefits. - Development of entrepreneurial skills among students. - Encouragement of healthy eating habits and nutrition awareness. - Enhanced interdisciplinary learning and collaboration. - Empowerment of rural communities through income generation. - Increased appreciation for local biodiversity and ecosystem conservation. - Skill development in botany, nutrition, and culinary arts. - Creation of a database of wild edibles and traditional recipes. - Establishment of a sustainable wild edible cultivation and harvesting model.

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**MATOSHRI ASHATAI KUNAWAR ART'S COMMERCE AND
SCIENCE WOMEN'S COLLEGE, HINGANGHAT**



**DEPARTMENT OF BOTANY
ORGANIZED,
ONE DAY STUDY TOUR**

**VENUE:-GAUSHALA AASHRAM,
LASANPUR**

**DATE:-11/01/2025
TIME:-11:00 AM**

Name of Activity : One Day Study Tour
Name of Programme Organizer: Department of Botany Organizer:- Ms. Darshana S. Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi Gungrud
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women's college, Hinganghat
Objectives of the Program: Academic Objectives 1. To enhance knowledge of plant diversity, ecology, and conservation. 2. To develop observation and identification skills of various plant species. 3. To understand the adaptations, habits, and habitats of different plant species. 4. To learn about the economic, medicinal, and cultural importance of plants. Practical Objectives 1. To conduct field studies and collect data on plant morphology, anatomy, and physiology. 2. To practice plant identification using taxonomic keys and other resources. 3. To develop skills in plant sampling, preservation, and documentation. 4. To learn about the latest research and innovations in botany. Soft Skill Objectives 1. To develop teamwork and collaboration skills through group activities. 2. To enhance communication and presentation skills through discussions and reports. 3. To foster critical thinking and problem-solving skills through observations and data analysis. 4. To promote curiosity, creativity, and enthusiasm for learning about botany. Other Objectives 1. To provide students with hands-on experience and exposure to real-world applications of botany. 2. To encourage students to appreciate the importance of plants in our ecosystem and daily lives. 3. To inspire students to pursue careers in botany and related fields. 4. To build relationships and networks with professionals and experts in the field of botany
Date of Conduction : 11/01/2024 at 11:00 a. m
Participant Count : Students :- 75
Brief Description Matoshri Ashatai Kunawar Arts, Commerce, and Science women's College, Hinganghat, organized one-day study tour to [Lasanpur] under the guidance of Dr. Umesh Tulaskar Sir Principal of Matoshri Ashatai Kunawar Art's Commerce and Science Women's college, Hinganghat. The tour was organized with the objective of providing students with a hands-on learning experience, enabling them to observe and study various plant species, their habitats, and ecological significance. This report summarizes the key highlights, observations, and learnings from the study tour. All faculties of science department were present for the study tour to encourage the students about different things. Prof. Darshana S. Rendhe, Prof. Harshada G. Raut and Prof. Vaidarbhi Ghungrud delivered important information about different Plant species. All faculty members, non-teaching staff, and students from the Science departments contributed to the Study Tour.
Outcomes of the activity : Knowledge Outcomes

1. Enhanced understanding of plant diversity, ecology, and conservation.
2. Improved knowledge of plant morphology, anatomy, and physiology.
3. Familiarity with various plant species, their habitats, and adaptations.
4. Understanding of the economic, medicinal, and cultural importance of plants.

Skill Outcomes

1. Developed observation and identification skills of various plant species.
2. Improved skills in plant sampling, preservation, and documentation.
3. Enhanced critical thinking and problem-solving skills through observations and data analysis.
4. Developed teamwork and collaboration skills through group activities.

Attitudinal Outcomes

1. Appreciation for the importance of plants in our ecosystem and daily lives.
2. Increased curiosity, creativity, and enthusiasm for learning about botany.
3. Developed empathy and concern for environmental conservation and sustainability.
4. Inspiration to pursue careers in botany and related fields.

Practical Outcomes

1. Collection of plant specimens for further study and research.
2. Development of a plant identification guide or herbarium.
3. Creation of a report or presentation on the study tour experiences and findings.
4. Establishment of connections with professionals and experts in the field of botany.

Assessment Outcomes

1. Evaluation of student learning outcomes through quizzes, tests, or assignments.
2. Assessment of student participation and engagement during the study tour.
3. Review of student reports or presentations for understanding and application of botanical concepts.
4. Feedback from students on the effectiveness of the study tour in achieving its objectives.

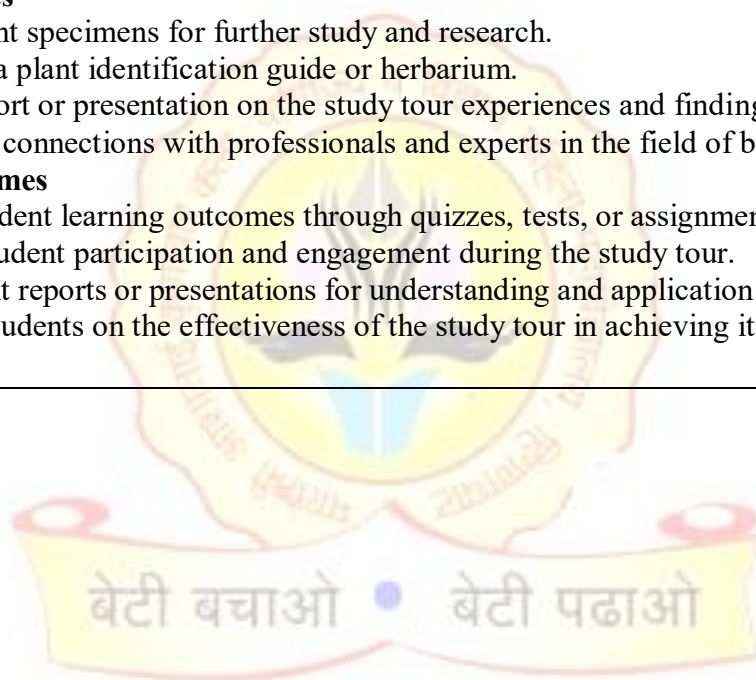


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**MATOSHRI ASHATAI KUNAWAR ART'S, COMMERCE & SCIENCE
WOMEN'S COLLEGE, HINGANGHAT**

DEPARTMENT OF BOTANY



**WORLD
WETLAND
DAY**



Date:- 03/02/2025

Time:- 11a.m

Name of Activity : World WetLand Day
Name of Programme Organizer: Department of Botany Organizer:- Ms. Darshana S. Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi Gungrud
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women's college, Hinganghat
Objectives of the Program: ➤ <u>Main Objective of the Program:</u> ➤ To raise National and Global Awareness about Wetlands. ➤ To learn how Wetland are conserved and Sustainability used. ➤ To raise global awareness about the vital role of Wetland for people and plant. ➤ To motivate the students for conserved Wetlands. ➤ Students understand the basic knowledge and history of Wetlands
Date of Conduction : 3 February 2025, 11.00 AM, Saturday
Participant Count : Students :- 30 and 12 faculty
Brief Description ➤ <u>Introduction of the event</u> The World Wet Land Day celebrated on February 2nd every year to raise awareness about the importance of wet lands for our planet. Wet Lands are unique ecosystems that play a bital role in maintaining the balance of the environment. Therefore, to know the importance of Wet Lands Day , Department of Botany Celebrated this day on 2nd February 2025. On this occasion we have organized a Guest Lecture for benefit of students. The programme was inaugurated; welcome the guest and introduction speech by Prof. Darshana S. Rendhe (HOD of Botany). The talk delivered by guest speaker DR. Nayana S. Shirbhate Vice-Principal of Vidya Vikas Science College Samudrapur. Who effectively delivered and start his talk on brief history of Wetlands and emphasis was given that how the wet lands play important role in maintaining the ecosystem and protecting and improving water quality, providing fish and wildlife habitats, storing floodwaters and maintaining surface water flow during dry periods. She also effectively solved the queries raised by the students. Overall, this was a very fruitful guest lecture as for as academic point of view. At the end the session was conclude and proposed the vote of thanks by Ms. Harshada G. Raut.
Outcomes of the activity : ➤ Interaction with experts who have been invited for this event. ➤ It is a chance to the students to exposed their talents and speaking skills development through this event. ➤ It is a great opportunity to hear the experience resource persons speech which is related to their curriculum. ➤ Student will understand the importance of wetland conservation and their responsibilities towards ecosystem.

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MATOSHRI ASHATAI KUNAWAR ART'S, COMMERCE & SCIENCE
WOMEN'S COLLEGE HINGAGHAT



Department of Botany
Organized
INDUSTRIAL VISIT

Venu:- GIMA COTTENSEED BIOTECHNOLOGY INDUSTRY VELA



Date:- 11/02/2025

Time:- 11.00am

Name of Activity : Study Tour at Gima Cotton Seed Biotechnology Vela.
Name of Programme Organizer: Department of Botany Organizer:- Ms. Darshana S. Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi Gungrud
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women's college, Hinganghat
Objectives of the Program: To enhance knowledge and understanding of Science as well as - To Promote social skills among students. - To give hand-on experience and insight into how industries operate. - To provide opportunities for interact with industry professionals & build relationships. -To understand theoretical concept are applied in real-world industrial settings.
Date of Conduction : 11/02/2025
Participant Count : Students :- 13 Faculty :- 03
Brief Description On 11 th February 2025, Department of Botany, Matoshri Ashatai Kunawar Arts, Commerce and Science Women's College, Hinganghat organize a study tour at Gima Cotton Seed Biotechnology Vela. The main purpose of this tour was to enhance student's knowledge and to encourage Applied learning in students. at Gima Cotton Seed Biotechnology Vela., all students keenly observed various small experiments and learned Science behind that. Also some faculties of Gima Cotton Seed Biotechnology explain the oil extracrion process from the cotton seed and also they explain how oil extraction has been carried out and how oil purification work. They also explain the functions of various machines available there. All students were observed these and enjoyed the study tour.
Outcomes of the activity : 1. Students understand the Science behind every activity. 2. To enhance social skills among students. 3. To promote independent learning in students. To experience new culture and new environment.

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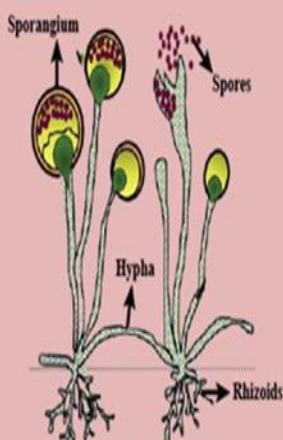




**MATOSHRI ASHATAI KUNWAR ART'S, COMMERCE & SCIENCE
WOMEN'S COLLEGE HINGANGHAT**

DEPARTMENT OF BOTANY

EXTENSION ACTIVITY PROGRAM



Date:- 27/02/2025

Time:- 11a.m Onward

Name of Activity : Extension Activity
Name of Programme Organizer: Department of Botany Organizer:- Ms. Darshana S. Rendhe Ms. Harshada G. Raut Ms. Vaidarbhi Gungrud
Details of organization with Address : Matoshri Ashatai Kunawar Arts, Commerce & Science Women's college, Hinganghat
Objectives of the Program: ✦ To develop awareness among students and society about Botany Subject ✦ To create scientific temper within students. ✦ To establish familiar relation between college and society. ✦ The Institute has made its noteworthy contribution to the society and environment by making a participation to promote Institution-Neighbourhood-Community network. ✦ Major emphasis is given on student engagement, service orientation and holistic development of students contributing to good citizenship.
Date of Conduction : 27 February 2025
Participant Count : Students For visited :- 70 (Approximate) Students :- 10 Faculty:- 03
Brief Description • <u>Introduction of the event</u> The Program by Department of Botany organized by Matoshri Ashatai Kunawar Women's College, Hinganghat was held on 27th feb 2025. The programme aimed The participation of students in Extension Activities signifies dedication and commitment towards Community needs. The participation in Extension Service Activities sensitize the students in over all development. Extension Activities has a great impact on their attitude and values. The Extension Activity Program was hosted by Prof. Darshana S. Rendhe, Matoshri Ashatai Kunawar Art's, Commerce & Science Women's college, Hinganghat. The event was started with the Inauguration of Models and poster Exhibition by the by chief guest for the occasion was Dr. Nayana Tulaskar Vice-Principal , Vidya vikas College ,Samudrapur.Prof. Dr. Umesh P. Tulaskar Sir , Principle of MatoshriAshataiKunawar Art's, Commerce & Science Women's college, Hinganghat. Prof. Dr. Sapna Jaiswal Madam , Vice-Principal of Matoshri Ashatai Kunawar Art's, Commerce & Science Women's college, Hinganghat., Prof. Shital Dharmik Madam ,Head of the Department of Science Shri. Nitesh Rode Sir, Principal of Vidya Vikas School and Junior College, Hinganghat. Vidya Vikas High School and Brillant CBSC School Hinganghat, attended the event and contributed to the event's success. The participation of esteemed guests added significance to the programe and set the tone for the sessions to follow. Prof. Vaidarbhi V. Ghungrud and Prof. Harshada Raut madam welcomed the students to the institute and congratulated them for Participating in Extension activity program at MAK Women's College, Hinganghat. she introduced the students Models and Poster related to Botany, awareness of environment, Biodiversity She took upon his shoulders the greatest responsibility of introducing the age-old heritage of our society and the great history of our institution. she introduced the students and the parents to the Vision and Mission of our institute that focuses on providing quality education to all sectors of the society at an affordable cost. The main highlights of his speech were as mentioned below: Outcomes of the activity : • Fulfils academic requirements, such as course assignments. Knowledge sharing through posters enhances the learning skill

- The activity may be results into effective sharing of knowledge, practices and technologies in support of the implementation and Conservation of nature.
- He overall aim of this is the **Personality Development of Students through Community Service**. It gives an extension dimension to higher education system and orient the student youth to community service.
- Extension work, it is certainly an effective educational opportunity, to develop student volunteers personality.

PHOTO:-





MATOSHRI ASHATAI KUNAWAR ARTS , COMMERCE, AND SCIENCE WOMEN'S COLLEGE HINGANGHAT

DEPARTMENT OF SCIENCE

Organised

NATIONAL SCIENCE DAY PROGRAM

ACTIVITIES



- School Students Visit
- Model Exhibition
- Poster Competition
- Science Quiz
- Guidance Session



Date : 27 Feb 2025 & 28 Feb 2025

Time : 11a.m Onward



Name of activity: National Science Day Celebration 2025
Name of Programme Organizer: All Faculties of Dept. of Science including Botany, Zoology, Chemistry, Physics, Mathematics and Computer Science.
Details of organization with Address: Auditorium Hall, Matoshri Ashatai Kunawar Arts, Commerce & Science women's college, Hinganghat
Objectives of the Event: ▪ To raise awareness about importance of Science in our daily life. ▪ To showcase the achievements in the Science Field. ▪ To encourage the development of new technologies. ▪ To introduce with the current year theme of National Science Day. ▪ To raise a positive social attitude towards this field so as to enhance science education. ▪ To encourage the youth to engage in scientific activities and consider career in Science and Technology.
Date of Conduction: 28/02/2025 at 11:00 a.m.
Participant Count: Faculty: -119
Brief Description: Matoshri Ashatai Kunawar Arts, Commerce, and Science Women's College, Hinganghat, organized an event on 28/02/2025 to celebrate National Sciences Day 2025. National Science Day is celebrated every year for memorizing the discovery of Raman Effect by Sir C. V. Raman. It is a festival for Science lovers as so many conferences, symposiums, guest lectures, seminars, poster presentations, model exhibitions as well as quiz competitions are organized in various places in India to get a platform for recent innovations in applied and basic science. The event was graced by President of Program Dr. UmeshTulaskar Sir, Principal of Matoshri Ashatai Kunawar Arts, Commerce and Science Women's College, Hinganghat, Chief Guest Shri. Durgaprasad Yadav Sir, Maths Trainer from IIT, Mumbai. Guest of Honor Shri. Nitesh Rode Sir, Principal, Vidya Vikas School and Junior College, Hinganghat, Ms. Shital Dharmik, Head of Science Dept., Ms. Vaishali Tadas, Head of Commerce Dept., Ms. Bhagyashri Sable and all faculties of Science Department and students. The event was started with the Inauguration of Models and Posters Exhibition by the Chief Guest, Shri. Durgaprasad Yadav Sir. All the respected dignitaries enthusiastically observed the models and posters made by students. Educational Models includes models related to zoology, Botany, Chemistry, Physics, Maths made by students. The posters include the sketches of various Scientists and their contributions to the Science. The program was anchored by Ms. Tejaswita Sahastrabudhhe. Ms. Shital Dharmik gave the introduction of respective program. Shri. Durgaprasad Yadav Sir was guided students about National Science Day. Sir beautifully explained the importance of Science by giving examples of some Scientists like Einstein, Addison etc. All the respected Chair persons gave best wishes of National Science Day and explained the importance of Science in our day to day life. Dr. Umesh Tulaskar stated that Science is a Boon when we use it wisely but if we have done misuse of Science then it will surely converted into Curse. Also he says that, we have to explore more ideas in our field so that new innovations could take place. The Science quiz competition was also organized for students and conducted by Ms. Shraddha Borkar. In the quiz competition, questions related to various streams of science were

asked. The students who gave correct answers awarded with a gift by Chair Persons present on Dias.

At last, words of gratitude towards all were expressed by Ms. Samiksha Pawar. The program was concluded with National Anthem.

All faculty members of Science Dept. including Ms. Pranita Ashtankar, Ms. Darshana Rendhe, Ms. Anushri Bhoyar, Ms. Sneha Sangole, Mr. Rakesh Lonkar, Ms. Harshada Raut, Ms. Vaidarbhi Ghungrud, Ms. Kiran Kashti, Ms. Rohini Borkar, Ms. Komal Nandurkar, Ms. Ambika Thavari and Ms. Mayuri Dhonde and students of UG and PG from the Arts, Commerce, and Science departments attended the event and contributed to the event's success.

Outcomes of the Activity:

- Increased awareness about recent advances in Science Field.
- Students know the contributions of various Scientists in this Field.
- All students know the theme of National Science Day 2025 and understood it.
- Students got engaged in various scientific activities such as models preparation, posters making, quiz competitions etc.

PHOTO:-



Record of Award received by Faculties: -

Rajshri Shahu Science College Chandur Railway organized a One-day International conference, in Matoshri Ashatai Kunwar Women's College, Hinganghat, Dist. Wardha. Professor Darshana Rendhe of the Department of Botany here won the first prize in the International Conference Poster Presentation.



Certificate and Award:-



Record of ICT Tools: -



Student's Seminar: -



Certificate Course of Gardening

Department of Botany




PRINCIPAL
M.A.K. Women's College
Hinganghat