

DEPARTMENT OF ZOOLOGY

Department website- <https://sites.google.com/view/sdmvzooology>

Departmental & Committee Report

Session 2021-2022

• Co-ordinator

1. PGTD Zoology
2. Certificate course in Vermiculture
3. Environmental studies
4. Certificate course in Honey Production
5. Institution of Higher Learning, Research and Specialized Study(IHLR&SS)
6. ARIIA
7. Institutions Innovation council (IIC)

• Member

1. Entry in Services
2. NAAC

Vermiculture

The certificate course came into existence in the session 2007-08. Every year a batch of 20 students from arts and science undergraduate classes are admitted. This session 15 students admitted in this course. Syllabus has completed and students are trained, examined in offline mode and become successfully awarded certificates. One student Mr Chandu Meshram is started vermicompost unit in his farm. 15 quintal compost and 52 liter vermiwash purchased by the local farmers.

Environmental studies

This year environmental course conducted to B.A Sem I & B. Sc. Sem III as per guideline of Gondwana University. One-day workshop organized by the Environmental studies was held on 29/12/21 at Pasaydan Hall. The keynote speaker for this event was Prof. Vijay Wakode instructed the students to aware of their responsibilities on various environmental issues and Prof. Vaishali Dorlikar of Zoology Department gave detailed guidance on the impact of pollution on the environment and its role. The coordinator of this workshop Dr. Umesh Indurkar gave information about the syllabus given by the university beside the examination methods and components of the syllabus. The workshop was attended by all BA first year and B.Sc second year students. All the teachers of the Department of Zoology contributed a lot for the success of this workshop. Three series of video on environment issue were shown and explained by Dr U S Indurkar on this occasion. Examination was conducted on 06.01.2022 for B. A. & B. Sc. 201 students for B. A. & 85 student for B. Sc. were successfully completed online examination.



Certificate course in Honey Production

Department has started this skill based course recognized by Gondwana University, Gadchiroli for all our college students from the session 2020-2021. This year 28 students were admitted in the course. Syllabus was completed and students were trained, examined in online mode on 07/01/2022 and become successfully awarded certificates.

Institution of Higher Learning, Research and Specialized Study

The college has been accorded recognition as “Institutions of Higher Learning, Research and Specialized Study” leading to award of Ph D in the subject of Zoology, Physics and Economics from 27 September 2021. Four from college and four from other colleges recognized Ph D supervisor are allotted in our institution. The rules and regulation of Institution are approved by Research Advisory Committees.

At present **05** students in zoology under the guidance of Dr U S Indurkar and **02** students in economics under the guidance of Dr A T Mungmode working Ph D at our center.

ARIIA

College has also participated in “Atal Ranking of Institutions on Innovation Achievements” (ARIIA). It is an initiative of Ministry of Education (MoE), Govt. of India to systematically rank all major higher educational institutions and universities in India on indicators related to “Innovation and Entrepreneurship Development” amongst students and faculties.

It is our immense pleasure that ARIIA is recognised in the band "BEGINNER" under the category "General (Non-Technical)" in Atal Ranking of Institutions on Innovation Achievement (ARIIA) 2021, a flagship program of the Ministry of Education, Government of India on 29th December 2021. Detail data available on website https://www.dmvnawargaon.com/menu_details.php?menu_id=24

Institutions Innovation council (IIC)

The College has established “Institution Innovation Council” (IIC) as per the norms of Innovation Cell, Ministry of Education, Govt. of India during IIC Calendar year 2021-22. The college will be organised various activity, Guest lecture on new innovation under the banner IIC cell. <https://www.dmvnawargaon.com/uploads/gallery21-09-20%2005.06.191EstablishmentCertificate.pdf>

Participation

1. Two day National e-Conference on Animal Diversity: A Conservational Approach (ADCA-2021) and participated in the deliberations Organized by Department of Zoology, C. E. Society's B.P. Arts, .M.A. Science & K.K.C. Commerce College, Chalisgaon, Dist. Jalgaon (M.S.) from 10th & 11th August, 2021.
2. One day Multidisciplinary International e-Conference on “ Global Environment Health and Sustainable Development organized by Gondwana University Gadchiroli, Department of Sports and Physical Education & Shri Dnyanesh Mahavidyalaya, Nawargaon on 25th August 2021 in virtual Mode.
3. One day participated in the National Webinar on “Man Vs. Animal Conflict” Organized on the occasion of „National Wildlife Week 2021“ by the Science Forum of Shri Jivanrao Sitaram Patil Munghate Arts, Commerce & Science College, Dhanora, Dist.- Gadchiroli on October 8, 2021.
4. One Week Faculty Development Program on “Rural Development: Opportunities & Challenges”, jointly organized by IQAC Anand Niketan College, Warora, Chandrapur (M.S) in association with Council for Teachers Education (CTE), Maharashtra Chapter & Indian Society

for training and Development (ISTD), Nagpur Chapter, held on 04th October to 08th October 2021.

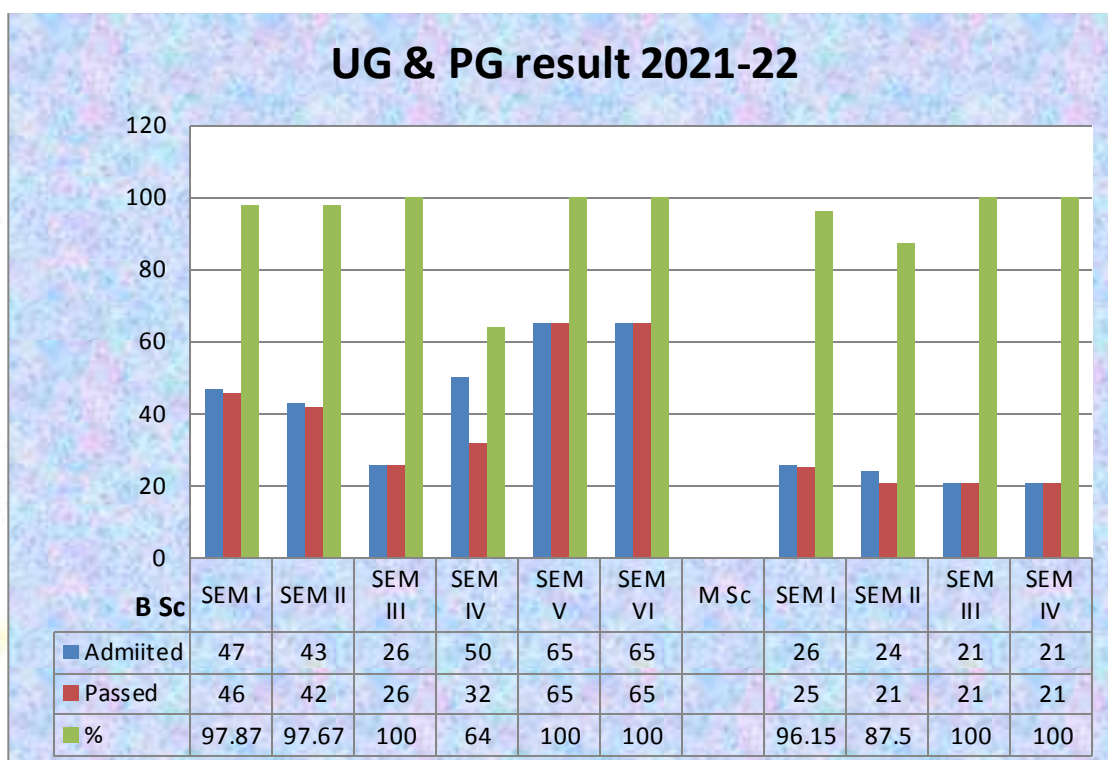
5. One day Workshop on Biodiversity Survey in Ghodazari Organised by GUZTA & Board of Studies in Zoology on 19 December 2021.
6. Three day online workshop in the Maharashtra State Development of Educators and Enhancement in Delivery (MS-DEED) Program for Maharashtra State Science and Mathematics Teachers from Higher Education Institutes to be held by PMMMMNMTT Centre of Excellence in Science and Mathematics Education (CoESME), at IISER Pune from 21st to 23rd December 2021.

Publication

Dr U S Indurkar

1. Studies on Diversity of Odonata In Diwan Lake and Nawargaon Region, District Chandrapur, Maharashtra, (India), **Journal of Research and Development, A Multidisciplinary International Journal**, Vol. 13, Issue 3, August 2021. ISSN-2230-9578.
2. Role of Tribal People in The Conservation Of Biodiversity In Gadchiroli District (M.S.) **International Journal Of Researches In Biosciences, Agriculture And Technology**, Issue (X) Vol (II) May 2022: 73-79, e-ISSN 2347 - 517X. https://jrbat.in/upload_papers/01062022123151E11_R10%20yangandalwar.pdf
3. Frequency Rate Of Lymphatics Filariasis In Bramhapuri Tehsil In District Chandrapur (M.S.) **International Journal Of Researches In Biosciences, Agriculture And Technology**, Issue (X) Vol (II) May 2022: 265-269, e-ISSN 2347 - 517X. https://jrbat.in/upload_papers/01062022033246E41_R41%20Amit%20Borkar.pdf

DEPARTMENTAL RESULT



Activity

Brief Report on Activity

Academic Year : 2020-2021

Innovation

QR coded data base preparation of Beneficial and Harmful insect in Nawargaon region.

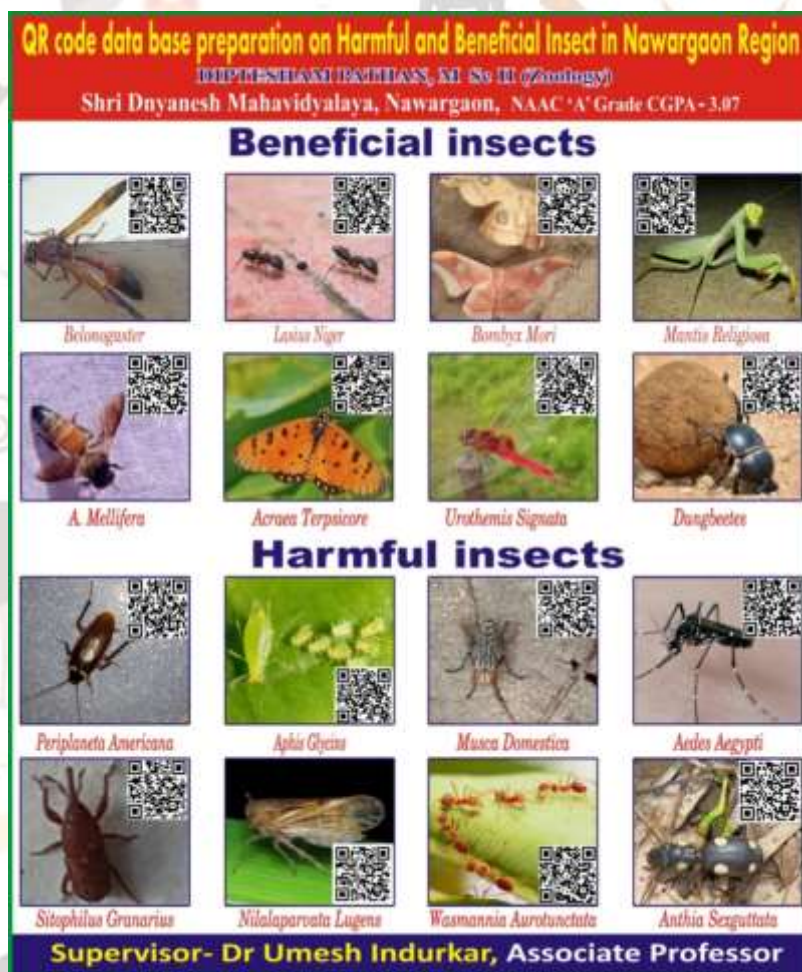
These days QR code is so popularly used in many fields. It has fast readability and greater capacity storage which is used for tracking, item identification and information of products. It gives all related information instantly that is useful to the farmers, students researchers and even common people.

Objective

- Generation and preparation of QR code of Harmful and Beneficial insect.
- The database with all information is available on single click.

Brief Report

Nawargaon region is paddy field and its surrounding have rich in biodiversity. Information of Harmful and Beneficial insect have been studied and made available in QR code. One can easily get its classification and whole information by only scanning the QR code. Dr. Umesh Indurkar Department of Zoology and his students Angraj Parvate, Dipteshyam Pathan and Saurabh Nagose were collected and studied various Harmful and Beneficial insect from the area and created its information on QR code. The principal of the college Dr. Suresh Bakare and the office bearers of the institute have congratulated the professor and students for their innovative ideas in study. The information including their classification, habit, habitat, morphological character, Host-pest interaction and their control now made available on single click.





Prizes in GUG Innovation Ideation Competition 2021

Our institution always promotes the students for taking participate in university-level to international level events. The students of the college took part in "Gondwana University Innovation Ideation Competition 2021" organized on 5th Oct 2021 by Department of Innovation, Incubation and Linkages, GUG. In this competition, the two students of our institution, Diptesham Pathan, MSc II (Zoology) won II

prize for her project on 'QR Code Data Base Preparation on Harmful and Beneficial insects in Nawargaon Region' and Chandu Meshram, M SC I (Zoology) bagged 1st consolation prize for his project on 'Empowerment of the Farmers by Using Vermitechnology as a Tool for Socio-Economic Betterment. Both the students were felicitated by GUG. The students took initiative under the supervision of Dr. Umesh Indurkar, Associate Professor of Zoology. The institution congratulated the team for its success.

Name of Activity	ZOOLOGICAL SOCIETY INAUGURATION
Day, Date, and Venue	Friday, 17.12.2021, Department LAB.
Organising Department/ Committee	Department of Zoology
Objective/s	To provide the platform for extracurricular activities of an educational social, Cultural and recreational nature to the campus community
Nature of the Activity (Eg. Lecture/PPT/Quiz, Exam, Etc)	INAUGURAL FUNCTION OF ZOOLOGICAL SOCIETY
Brief Report	Dr. D D Barsagade, Head & Professor, Department of Zoology RTM Nagpur University Nagpur inaugurated Zoological Society and announced the committee member. He suggested to organise various programme under the banner of society. Dr R J Andrew Director PGTD of Zoology, Hislop college Nagpur addressed the gathering. Dr. Suresh Bakare, Principal of college chaired the function, while Dr. Umesh Indurkar President of zoological Society, delivered introductory speech with the important of Zoological Society and comparer the programme. & Ms Vaishali Dorlikar proposed the vote of thanks.
No. of Beneficiaries	120 students (CBZ)
Attachments : Eg. Photos, List of Participants, Feedback, News,Etc	



Name of Activity	GUEST LECTURE
Day, Date, and Venue	Friday,25.02.2022, Zoology laboratory
Organising Department/ Committee	Department of Zoology
Objective/s	To aware the recent development on hormones
Nature of the Activity (Eg. Lecture/PPT/Quiz, Exam, Etc)	Guest Lecture/ PPT
Brief Report	<p>Mr Amit Borkar, Research scholar, Anand Niketal college Warora delivered the guest lecture on Hypothalamo, Hypophyseal and Gonadal hormones to all UG students. He has explained structure and function of hormones.</p> <p>Dr U S Indurkar has organised the programme. In introductory remark he added that the importance of hormones in the body regulation and development. Ms Dr Vaishali Dorlikar proposed the vote of thanks on this occasion.</p>
No. of Beneficiaries	43 students
Attachments : Eg. Photos, List of Participants, Feedback, News,Etc	 <p>Navargaon, Maharashtra, India 9H8G+7W2, Navargaon, Maharashtra 441223, India Lat 20.365156° Long 79.577183° 25/02/22 09:21 AM</p>  <p>Navargaon, Maharashtra, India 9H8G+7W2, Navargaon, Maharashtra 441223, India Lat 20.365083° Long 79.577158° 25/02/22 09:20 AM</p>



Name of Activity	World Wildlife Day
Day, Date, and Venue	Thursday, 03.03.2022, Zoology laboratory
Organising Department/ Committee	Department of Zoology
Objective/s	To aware the WORLD WILD LIFE DAY To know & conserve the wild animal in our region
Nature of the Activity (Eg. Lecture/PPT/Quiz, Exam, Etc)	Guest Lecture/ PPT
Brief Report	To celebrate World Wildlife Day, launched on March 3 by the United Nations in 1973 to help raise awareness about how people benefit from “fauna and flora,” According to the UN, World Wildlife Day is an opportunity to celebrate the many beautiful and varied forms of wild fauna and flora and to raise awareness of the multitude of benefits that their conservation provides to people. Dr Vikas Barsagade Head Department of Zoology, Nabira Mahavidyalya, Katol well explained about the conservation, its importance and impact on environment of wild life.

Dr U S Indurkar has organised the programme. In introductory remark he added that the diversity of wild life in our region and our role to protect the wild life also he introduced the guest. Ms Dr Vaishali Dorlikar proposed the vote of thanks on this occasion. Students asked the queries with their satisfactorily answer on Wildlife. Mr Angraj Parwate and Mr Saurabh Nagose share the stage in this occasion.

No. of Beneficiaries

students

Attachments :
Eg. Photos, List of Participants, Feedback, News, Etc



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9H8G+7W2, नवर्गओं, महाराष्ट्र 441223, भारत
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GPS Map Camera



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GPS Map Camera

Name of Activity	WORLD WETLAND DAY
Day, Date, and Venue	Wednesday, 02.02.2022, G Meet.
Organising Department/ Committee	Department of Zoology and Botany
Objective/s	World Wetlands Day is celebrated each year on 2 February to raise awareness about wetlands
Nature of the Activity (Eg. Lecture/PPT/Quiz, Exam, Etc)	Guest Lecture/ PPT
Brief Report	<p>Nearly 90% of the world's wetlands have been degraded since the 1700s, and we are losing wetlands three times faster than forests. Yet, wetlands are critically important ecosystems that contribute to biodiversity, climate mitigation and adaptation, freshwater availability, world economies and more.</p> <p>It is urgent that we raise national and global awareness about wetlands in order to reverse their rapid loss and encourage actions to conserve and restore them.</p> <p>Mrs. Dr V K Rewatkar, Head Department of Botany & Vice-principal of college has delivered a guest lecture on this occasion. She talked on importance of wetland ecosystem, impact on biodiversity and about conservation of wetlands surrounded us.</p> <p>Dr U S Indurkar has organised the programme. In introductory remark he added that the World Wetlands Day is the ideal time to increase people's understanding of these critically important ecosystems. Ms Dr Vaishali Dorlikar proposed the vote of thanks on this occasion.</p>
No. of Beneficiaries	32 students
Attachments : Eg. Photos, List of Participants, Feedback, News, Etc	



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Shi... 22 others


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← Shri Dnyanesh Mahavidyalaya Nawargaan ▶ 🔊 🔇

Department of Zoology & Botany
WORLD WETLANDS DAY 2022
On 02 February 2022
Speaker - Mrs Dr Vasanti Dew
Organiser - Dr Umesh Indurk
Vote of Thanks - Mr

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Name of Activity	CHHATRAPATI GENERAL KNOWLEDGE COMPETITION
Day, Date, and Venue	Sunday, Monday, 20,21.02.2022, College
Organising Department/ Committee	Department of Zoology and Entry service
Objective/s	Awareness on life of Chhatrapati Shivaji Maharaj and General Knowledge
Nature of the Activity (Eg. Lecture/PPT/ Quiz, Exam, Etc)	Examination
Brief Report	<p>Alumni Association of the institution in collaboration with Entry-in-Services organized General Knowledge Competition based on the life and works of the great warrior of Maharashtra Chhatrapati Shivaji Maharaj on the occasion of his birth anniversary. The two exams were conducted separately for the students of school and the students of the institution where 241 students from school and 113 students from the college took part.</p> <p>Dr S S Bakare Principal of college has delivered the speech on the life of Shivaji Maharaj on this occasion. Dr Indurkar conducted the programme while Dr Mungmode proposed the vote of thanks. All the teachers and 113 students were present in the function.</p> <p>Herculean efforts taken by the alumni of the institution, coordinators Dr U S Indurkar, Associate Professor, Department of Zoology and Dr A T Mungmode, Head and Associate Professor, Department of Economics for the successful conduction of the examination.</p>
No. of Beneficiaries	354 students
Attachments : Eg. Photos, List of Participants, Feedback, News,Etc	



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ACTIVITIES	
Name of Activity	CONTINUOUSLY BOOKS READING FOR 10-18 HRS ON THE EVE OF DR BABASAHEB AMBEDKAR BIRTH ANNIVERSARY
Day, Date, and Venue	Wednesday, 13.02.2022, college ICT room
Organising Department/ Committee	Department of Zoology
Objective/s	To create awareness regarding reading culture among the students
Nature of the Activity (Eg. Lecture/PPT/ Quiz, Exam, Etc)	10-12 hrs continue reading
Brief Report	<p>The institution always organise students oriented events for their all-round development. To create awareness regarding reading culture among the students, the institute organised 'Book Reading Activity' on the occasion of birth anniversary of Dr B R Ambedkar.</p> <p>Total 41 students participated in the event enthusiastically. The commendable thing is, the students read various books continuously for 10 hours. The activity was started with the garlanding to the image of Dr Ambedkar. Dr S S Bakare, Principal, Mrs Rajani Kaulkar, Member, Grampanchayat, Ratnapur, and Ms Krupali Dharane, Samta Doot, BARTI (Babasaheb Ambedkar Research and Training Institute) guided the students and wished them best luck for this activity.</p> <p>The program was compared by Dr Umesh Indurkar, Head Department of Zoology, whereas vote of thanks was proposed by Mr Hemant Meshram Head Department of Physics.</p> <p>Dr Ujede, Mr Wakode, Dr Kortalwar, and other faculty members were also present for this event. In the evening 6.30 pm concluded the activity.</p>
No. of Beneficiaries	41 students
Attachments : Eg. Photos, List of Participants, Feedback, News,Etc	



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Name of Activity	INTERNATIONAL EARTH DAY 2022 CELEBRATION
Day, Date, and Venue	FRIDAY, 22.04.2022, Zoology lab.
Organising Department/ Committee	Department of Zoology
Objective/s	Honours the achievements of the environmental movement and raises awareness of the need to protect Earth's natural resources for future generations.
Nature of the Activity (Eg. Lecture/PPT/ Quiz, Exam, Etc)	Guest Lecture
Brief Report	Zoological Society observed the international Earth Day 2022 in the departmental Laboratory on 22.04.2022. Mr Amit Borkar Research Scholar, Anand Niketal College Warora, expressed his view on this occasion. He has given the information about important of earth day celebration and our responsibility during daily routine activity to save the earth. Dr Umesh Indurkar organiser of event has given introductory part of this occasion. He also expressed his view on climate changes, deforestation impact, population explosion in relation to save the earth. Dr Dorlikar proposed the vote of thanks of this event.
No. of Beneficiaries	54 students
Attachments : Eg. Photos, List of Participants, Feedback, News, Etc	 <p>Navargaon, Maharashtra, India 9H8G+7W2, Navargaon, Maharashtra 441223, India Lat 20.365081° Long 79.577207° 22/04/22 10:38 AM</p> <p>Navargaon, Maharashtra, India 9H8G+7W2, Navargaon, Maharashtra 441223, India Lat 20.365086° Long 79.577231° 22/04/22 10:48 AM</p> <p>Navargaon, Maharashtra, India 9H8G+7W2, Navargaon, Maharashtra 441223, India Lat 20.365079° Long 79.577246° 22/04/22 10:43 AM</p>



Name of Activity	BIRDS AND SNAKES PHOTO EXHIBITION
Day, Date, and Venue	Wednesday, 11.05.2022, PASAYDAN AUDITORIUM
Organising Department/ Committee	IHLRSS & Department of Zoology
Objective/s	<ul style="list-style-type: none"> • To aware the local birds and snake diversity • To know migratory birds and poisonous and non-poisonous snakes. • To get the information of rare birds and conservation method.
Nature of the Activity (Eg. Lecture/PPT/Quiz, Exam, Etc)	EXHIBITION
Brief Report	<p>Birds and Snakes Photo Exhibition was organized by P G T D Zoology on 11.5.2022 for U G and PG students for awareness of species. Mr V K Pawar working as teacher in Jawahar Navodaya Vidyalaya, Talodhi has collected photographs of local bird and snake species and exhibited them to various colleges for awareness and its conservation. In inauguration he appealed to the students to plant a single plant on every birthday. Principal Dr Bakare introduced the guest and expressed his view on conservation of this species as part of the ecosystem and every student should know at least the local and scientific name of species in our region. Convenor Dr Indurkar has compared and organized the programme while Mrs Doijad proposed the vote of thanks. Mr Saurabh Nagose, Angraj Parwate, Ms Gayatri Thikare and Smita Anande put effort into the success of this exhibition. More than 200 students visited this exhibition and asked their queries to experts.</p>
No. of Beneficiaries	200+ students
Attachments : Eg. Photos, List of Participants, Feedback, News,Etc	



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