



महाराष्ट्र MAHARASHTRA

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2.12.2011

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भारतीय महाविद्यालय अमरावती व विल्ड लाइफ एंड एन्विरोनमेंटल कंजर्वेशन सोसायटी

WILDL

### MEMORANDUM OF UNDERSTANDING

BETWEEN THE

DEPARTMENT OF ZOOLOGY, BHARATIYA MAHAVIDYALAYA, AMRAVATI  
DIST - AMRAVATI

AND

WILD LIFE AND ENVIRONMENT CONSERVATION SOCIETY AMRAVATI  
DIST - AMRAVATI

This MOU is made on- 27/01/2012

#### About Bharatiya Mahavidyalaya Amravati -

Bharatiya Mahavidyalaya is an educational institute run by Bharatiya Vidya Mandir, Amravati. The college was established in 1963 and has undergraduate courses in the faculty of Arts, Commerce and Science and Post-graduate in English, Geography, Commerce, and Computer Science. The College also has various career oriented courses.

#### About Wild life and Environment Conservation Society

It was about a decade ago the handful of individuals sharing a common interest in the study of vegetation, bird watching, walking tours or trekking in Melghat and environmental awareness had came together to start this organization. After the registration of the same in 2001 gradually the activities of the organization started. In an age of multiple environmental problems it has become the need of the hour to work towards the study and conservation of wild life and spread awareness among the masses.

#### Main objectives of the Wild life and Environment Conservation Society

1. Create awareness about the clean and healthy environment.
2. Generate interest towards the nature among the students and general public with the help of activities like bird watching, butterfly watching, trekking or nature walks and adventure.
3. To study and do research on the diversity of flora and fauna.
4. Create mass awareness about the conservation of Forts Caves and other historic monuments.



5. Create mass awareness about the legal aspects of wildlife conservation.
6. Generate interest among the school and college students towards the nature.
7. Create mass awareness about snakes and poaching of birds and other animals to prevent their killing.

#### Annexure I

**In joint venture following activities will be conducted.**

- Organization of Guest lectures, slide shows, film shows and nature camps on Conservation of Environment for the students.
- Regular organization of activities like bird watching, Nature trek to create interest among the students.
- Extensive study and documentation of avian diversity of the region and keeping records.
- Creating awareness about the protection of forts and other historical monuments.
- Arranging lectures and slide shows to create awareness about the snakes in agriculture and Environment.
- Providing information about poisons and non poisons snakes to prevent their killing and for to conserve them.
- To create mass awareness over various types of pollutions occurs during festivals.
- Arrange tree plantation programme and promote indigenous species plantation and create awareness against the use of plastic bags that poses a greater threat to the environment.
- Initiate research in the field of wild life conservation.
- Conduct workshops, seminar, poster presentation, and conferences in the field of Environment related sectors.

#### Annexure II


**Participation of students in the following activities**

- Nature walk programme in Melghat during the months of August and January.
- Study of migratory birds during winter season.
- Butterfly watch and study programme in Melghat and Pohra forest.
- Trekking tours to the forest like Gawilgad and Namala.
- Participation in adventure camp like mountaineering and trekking.
- Tree plantation in Campus during July and August.

#### Annexure III

**Terms and conditions**

- Admitted students will be eligible for training and other benefits.
- The fees schedule will be as per the decision of Wild life and Environment Conservation Society in consultation with the Bharatiya Mahavidyalaya, Amravati.
- The institute will provide the resource required.
- Certification will be provided by the institution and WECS
- The activities will be conducted in Wild life and Environment Conservation Society (WECS) and in an Institution.
- MOU will remain valid forever

  
Principal  
Bharatiya Mahavidyalaya,  
Amravati

  
Head  
Zoology Department

  
Secretary  
WECS, Amravati



**In the Presence of witnesses**

1. Dr. V. D. Bhange
2. Dr. S. R. Kadu
3. Dr. S. R. Gulhane

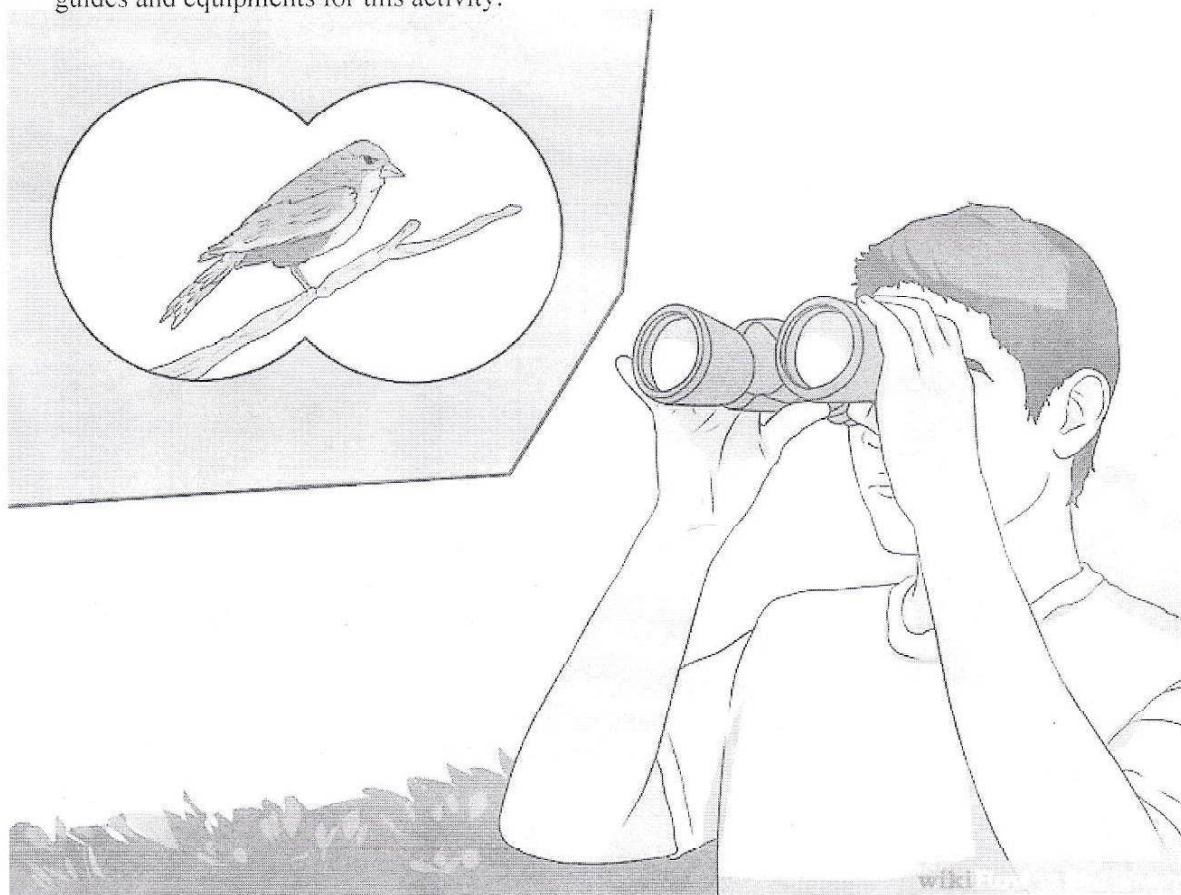
**Signature**

  
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## **“Bird Watching”**

Birds play a vital role in keeping this balance of nature. In addition to being important parts of food webs, birds play other roles within ecosystems. Birds eat insects and are a natural way to control pests in gardens, on farms, and other places. Many ecologically important plants require pollination by birds in order to successfully reproduce. Birds are also excellent indicators of environmental health. But perhaps the most important reason to study birds is to further our understanding of the ecosystems that support all life on earth, including humans. Bird Watching is an important activity for species conservation as well as is a good eco friendly hobby.

The B.Sc. (Zoology) syllabus prescribed by Sant Gadge Baba Amravati University includes preparation of check lists, study of ecosystem and food web. Therefore, Department of Zoology in association with Wild Life and Environment Conservation Society (WECS), Amravati arranges Bird Watching Programmes time to time for the students. WECS provide guides and equipments for this activity.



*Dr.*  
HEAD  
Department of Zoology,  
Bharatiya Mahaviyalaya,  
AMRAVATI.

## Department of Zoology

### NOTICE

All the student are hereby informed that on 06 February 2014 Eco-Club has arranged a Bird Watching Programme for B.Sc. II students at Wadali Lake. After Bird Watching a visit to Wadali Forest Nursery is scheduled. Students have to reach Wadali Forest Nursery by 7.30 am with lunch box. Each student will have to take the entry ticket at the Wadali Garden on their own.



Head

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati



HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.



## Bird Watching Programme at Wadali Lake-Report

Place of Visit: Wadali Lake and Forest Nursery Date of visit: 06/02/2014

The department of Zoology arranged a bird watching programme and visit to Wadali forest nursery for the students of B.Sc. II in order to fulfil the practical syllabus of Semester IV as prescribed by S.G.B. Amravati University.

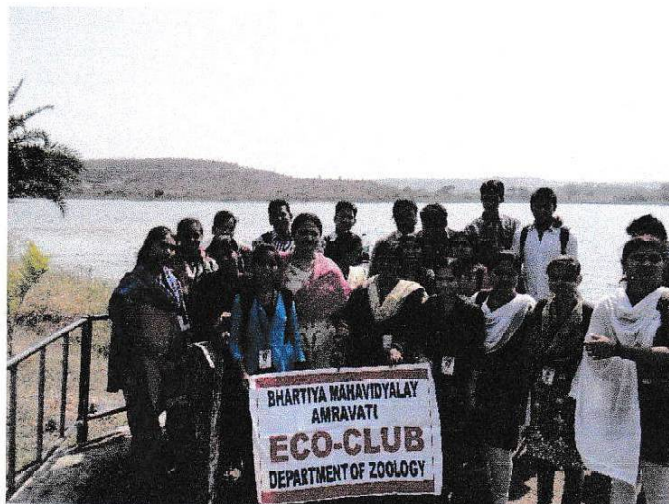
The Wadali Lake and Garden area is having a very rich avifaunal diversity. The Wildlife and Environment Conservation Society Amravati arranges regularly such activities on weekends and holidays. Total 27 students of B.Sc. II started their activity at 8am. The early morning sighting of the avifauna is recommended, as birds are active during this period. The students enjoyed the bird watching under the expert guidance of Dr. Jayant Wadkatkar, WECS and teachers. Dr. Wadkatkar explained students do's and don'ts during bird watching. The students were thrilled to observe the birds through binoculars. They noted the names of the birds they observed and made a check list. Students also visited the Wadali Lake to have a close look of some aquatic birds.

Students collected water sample of Wadali lake for analysis. They also observed the producers, consumers and decomposers at the lake ecosystem. A food web diagram was prepared by the students.

Then the students took a round in the forest nursery. The varieties of bamboo collected by the this nursery are worth seeing. The nursery also carry out Vermicomposting. The workers in the garden explained the students how the garden waste is managed through the composting.

After this the students enjoyed their lunch with nature and also had fun playing on merry go round, swings, see-saw, etc.

The students returned from this study tour with satisfaction.



Students at Wadali Lake



Students with Mr. Saleem at Garden



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HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.

## Department of Zoology

### NOTICE

All the students are hereby informed that the Eco-club, Department of Zoology in collaboration with NSS college unit has arranged a guest lecture of Mr. Adwait Keole, WECS, Amravati, on 30/07/2013. The topic of his lecture is 'Save Tiger'. A film on 'Importance of Environment and Its Conservation' will be shown on this occasion. Students must remain present for this programme in the conference Hall at 11am.

Venue: Conference Hall  
Time : 11.0am



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Head

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati

HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya  
AMRAYATI



## Department of Zoology

### Guest Lecture by Mr. Adwait Keole, WECS, Amravati - Report

Date: 30/07/2013

Eco-Club, Department of Zoology in association with NSS college unit arranged a guest lecture of Mr. Adwait Keole, Wild Life and Environment Conservation Society, Amravati on 'Save Tiger'. The lecture was arranged on 30<sup>th</sup> July 2013 at 11.0am in the conference hall of the college.

Dr. A.J. Gadewar, Principal, B.M.V. presided over the function. Dr. D.S. Kulkarni, HOD, Department of Zoology was the guest of Honour. NSS Programme officer Mr. Anil

Khandekar and Ms. Vidya Patahrkar were present on the dais.

Dr. Gadewar said that as tigers are at the top of the food chain, hence to save environment needs to save tigers. Mr Adwait Keole, WECS Amravati in his speech told that only 3,500 tigers left in the wild, we have to act now or this iconic animal could be extinct in less than 20 years. As apex predators, tigers shape the ecosystems in which they


live and protecting tiger will ultimately protect the forests. He also appealed that every one must help in this mission as 'to save tiger is to save human'.

Mr. Gopal Malvani, WECS presented a short film on 'Importance of Environment and Its Conservation' on this occasion. Students got the information about importance of environment and were motivated for environment conservation by this programme. Ms. Vaishnavi Chaudhary conducted the programme and Ms. Aswini Pragrut presented vote of thanks. Mrs. S.S. Kulkarni, Dr. A. P. Wasnik, Ms. Sonone, Dr. Deshmukh were present for this guest lecture. Members of Eco-Club and NSS worked hard for the success of the programme.



Mr. Keole, WECS, Amravati, delivering the lecture



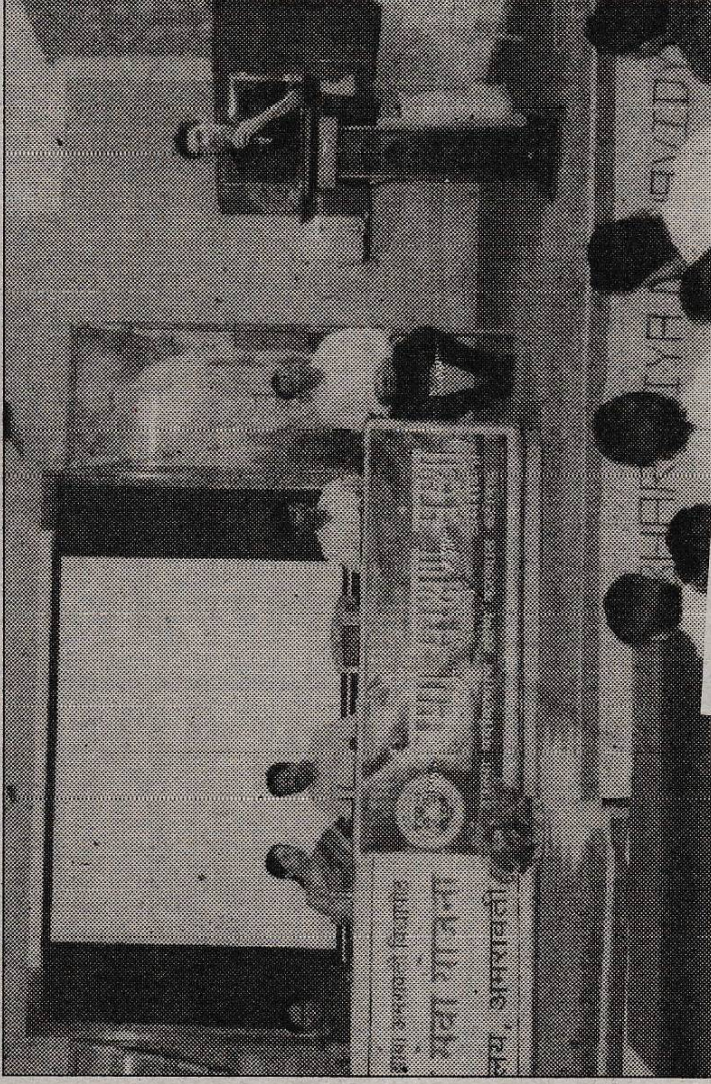
  
Head  
Department of Zoology  
Bharatiya Mahavidyalaya, Amravati



# पर्यावरणासाठी वाघ वाचणे आवश्यक

अमरावती: प्रतिनिधी

स्थानीय राजीपेट स्थीत भारतीय महाविद्यालयामध्ये सेवा योजना व प्राणीशास्त्र विभाग यांच्या संयुक्त विद्यमाने पर्यावरण महत्त्व व जनजागृती या विषयावर विद्यार्थ्यांना मार्गदर्शन करण्यात आले. कार्यक्रमाची अध्यक्षता महाविद्यालयाचे प्राचार्य डॉ. ए. जे. गादेवार होते. तर या कार्यक्रमांत प्रमुख अतिथी म्हणून प्राणीशास्त्र विभागाच्या विभागप्रमुख दीपलक्ष्मी कुळकर्णी, राष्ट्रीय सेवा योजनाचे कार्यक्रम अधिकारी प्रा. डॉ. अनिल खांडेकर, महिला कार्यक्रम अधिकारी प्रा. विद्या पाथरकर, उपस्थित होते. यावेळी गोपाल मालवानी व अद्वैत केवले यांनी मार्गदर्शन केले. गादेवार यांनी आपल्या मार्गदर्शनात सांगितले की पर्यावरणासाठी वाघ वाचणे आवश्यक आहे. वाघ जर नष्ट झाले तर संपूर्ण पर्यावरणच बदलून जाईल. कार्यक्रमात स्वागत गीत काचन बानार्जी यांनी केले. संचालन वैष्णवी चौधरी व आभार प्रदर्शन अश्विनी पागस्त हिने केले. कार्यक्रमाला प्रा. शर्मिला कुळकर्णी, प्रा. संगीता देशमुख, प्रा. आश्रपाती वासनिक, प्रा. सोनवने उपस्थित होते. कार्यक्रमाच्या यशस्वीतेसाठी राष्ट्रीय सेवा योजनेचे विद्यार्थ्यांनी प्रयत्न केले.



अमरावती, रविवार ४ ऑगस्ट २०१३

जनमाध्यम



## Sparrow Day Celebration

World Sparrow Day is a day designated to raise awareness of the house sparrow and then other common birds to urban environments, and of threats to their populations, observed on 20 March. It is an international initiative by the Nature Forever Society of India in collaboration with the Eco-Sys Action Foundation (France) and numerous other national and international organisations across the world. Eco-Club, Department of Zoology and Wild Life and Environment Conservation Society celebrate this day to create awareness amongst students and motivate them for the conservation of environment.



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HEAD  
Department of Zoology,  
Dharatiya Mahavidyalaya  
AMR 12111



## Department of Zoology

### Sparrow Day Celebration

On the occasion of World Sparrow Day a guest lecture of Dr. Jayant Wadatkar, Secretary Wild Life and Environment Conservation Society, Amravati was arranged on 20<sup>th</sup> March 2014. Dr. Anil Gadewar, Principal, B.M.V. chaired the programme while Prof. Ramesh Bijwe, Treasurer of Bharatiya Vidya Mandir was present as Chief Guest. Dr. D.S. Kulkarni, Head Department of Zoology welcomed and introduced the guests.

Dr. Wadatkar elaborately explained the importance of avifaunal biodiversity and reasons for their decreasing number. He told students that providing food, water and shelter to the birds in our vicinity will help to restore their population in the ecosystem. He explained how every one could contribute for conservation of birds by small efforts like keeping water and some food for sparrows at their places. A documentary film prepared by the WECS team was also shown in this programme.

On this occasion Eco Club, Department of Zoology distributed clay water pots to the staff and students for providing water to the birds in summer.

Ms. Yugandhara Mehare conducted the programme while Ms. Laiqua Sheikh proposed vote of thanks. Nandkishor Dudhe, Prof. Shrikant Warhekar, Sheel Abhyankar, Nil Mohite of WECS and teaching, non-teaching staff and students were present in large number for this programme.

Namrata Keram, Shailina Hussain, Shiba Khan, Dhiraj Thakare, Mayur Marathe, Prerit Tated and lab attendant Mr. S.P. Patil took efforts for the success of the programme.



  
**HEAD**  
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Bharatiya Mahavidyalaya  
Amravati



## Department of Zoology

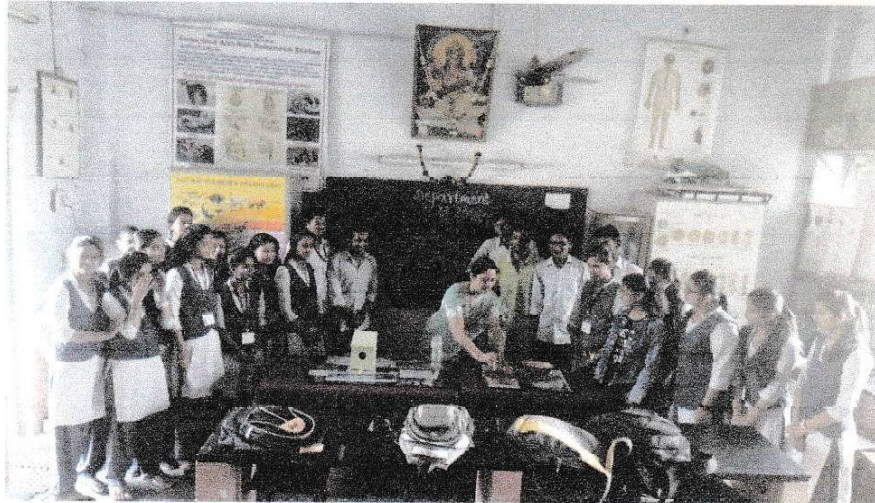
### Celebration of Sparrow Day- Report

The department of Zoology celebrated 'World Sparrow Day' on 20<sup>th</sup> march 2018. The programme was arranged in the Zoology laboratory at 11.30 am.

Dr. D.S. Kulkarni, HOD, Zoology explained the importance of sparrow and other birds in the nature. The adverse environmental conditions, increased urbanisation and declining tree cover resulted in the declining number of sparrows and other birds. She explained that simple remedies like providing water, food and shelter to these small creature will help to conserve these birds.

The sparrow day celebration created awareness among the students for the conservation of house sparrow as well as the birds, those like to stay in the vicinity of man. Creation of bird feeders out of scrap by themselves increased student's interest and enthusiasm for conservation of these birds. Wild Life and Environment Conservation Society, Amravati provided wooden nests for college garden and students. On this occasion earthen water pots and bird feeders were distributed to the students and staff members. The bird feeders were prepared by the students out of waste bottles and plates.

Students promised to keep food and water for the Sparrow and other birds living in the human vicinity for their conservation. They enjoyed the preparation of bird feeders 25 students participated in this activity.



  
**HEAD**  
Department of Zoology,  
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AMRAVATI.



# Urbanisation responsible for decline number of sparrows, says Wadatkar

■ **Amravati Bureau**  
AMRAVATI, Mar 25

"THE increasing number of Communication Towers is not responsible for the declining number of sparrows but due to the urbanisation, as the food, water and shelter are not getting available to the birds, the house sparrows have diminished from the urban areas. Public awareness and collective efforts are needed for their conservation" stated Dr. Jayant Wadatkar, Secretary of Wild Life and Environment Conservation Society (WECS), Amravati. He was speaking at the Public Awareness Programme jointly organised by Zoology Department of Bhartiya Mahavidyalaya, Amravati and WECS, Amravati at Bhartiya Mahavidyalaya, Amravati.

Dr. Anil Gadewar, Principal of the College chaired the programme while Prof. Ramesh Bijwe, Treasurer



Dr. Deeplakshmi Kulkarni distributing the water pots for birds to the students.

of Bhartiya Vidya Mandir, was present as a chief guest.

Dr. Deeplakshmi Kulkarni, Head of Zoology Dept., Bhartiya Mahavidyalaya, in her introductory speech, told that the purpose of

organising this programme is to create awareness among the students for the conservation of house sparrows as well as the birds, those like to stay in the vicinity of a human being and in getting the co-operation by all to make the food, water and shelter available for these winged creatures.

While speaking as a Chief guest,

Dr. Jayant Wadatkar explained the importance of sparrows, reasons behind decrease in their numbers and very easy remedies to perform for their conservation, in detail on this occasion.

The documentary, prepared by the members of WECS, was also shown in this programme. In the propriety of 'World Sparrow Day', Clay water pots were given to all the attendance at free of cost by the Eco Club of Zoology Department so as to have an arrangement of water for birds in the summer.

Yugandhara Mehre conducted the proceedings of the programme while Laiqua Sheikh proposed a vote of thanks. Nandkishor Dudhe, Prof. Shreekant Warhekar, Sheel Abhyankar, Nil Mohite of WECS as well as the teaching and non-teaching staff and students of the college were present in large numbers on this occasion.

Namrata Keram, Shainila Hussain, Shiba Khan, Dhiraj Thakare, Mayur Marathe, Prerit Tated and Shantanu Patil took efforts for success of the programme.



HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya  
AMRAVATI



## **“Bird Fest and Nature Walk”**

During winter season migratory birds visit Chatri Lake. WECS, Amravati arranged a “Bird Fest”, at Chatri Lake to create interest amongst students and citizens about the avifaunal diversity and their conservation. Due to increasing pollution and decreasing rain fall this habitat is posing threat and the number of foreign visitors is declining. Therefore, it is essential to record the birds and monitor the foreign visitors. Students and staff of Zoology department participate in this activity from the session 2016-17. To clean the habitat a nature walk is taken by the Eco-Club members and then they enjoy the bird watching. An exhibition of books, monoculars, binoculars, bird watching hide, etc. by WECS also attracts the students.



# BIRD FESTIVAL

HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.

## Department of Zoology

### NOTICE

The students of B. Sc.II are hereby informed that a Bird Watching Programme at Chatri Lake is arranged on 19/02/2015. This activity will be followed by study of Lake Ecosystem. All the students of B.Sc. II and interested students are informed that they must remain present at the Gate of Chatri Lake Garden at 7.30am.

  
Head

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati



HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.



## Department of Zoology

### Bird Watching at Chatri Talao/ Lake-Report

**Place of Visit: Chatri Lake, Amravati**

**Date: 19/02/2015**

The students of B.Sc. II (Sem-IV) visited the Chatri Lake for bird watching and study of lake ecosystem. Chatri Talao / Lake Amravati, situated on the south eastern part of Amravati, was constructed dating back to the 18th century, makes for a fascinating heritage site with great historical significance. It is a water reservoir, built in the year 1888, on a small spring called 'Kali Nadi' with a purpose to supply drinking water to the city of Amravati. Presently, this scenically blessed reservoir gets stocked with the water supplied from the Upper Wardha Dam.

According to records four thousand birds visit Amravati through-out the year. Of which two hundred are migratory birds coming from the other side of the world. Chatri Lake is one of the best spot for Bird Watching and Bird Photography.

Around 29 Eco-Club members participated in the "Bird Festival", arranged by Wildlife and Environment Conservation Society, Amravati. Students observed avifaunal diversity at the lake. Birds like Ruddy Shelduck, Green Sandpiper, Black Stork, Siberian Rubythroat, etc. are few of the migrated birds. This apart, birds like Drongo, Little Green Bee-eater, Pied Wagtail, Purple Sunbirds, etc. are also spotted here. Students prepared a check list of the birds.

Students also collected lakewater sample for analysis in the laboratory. They also collected some the phytoplankton and noted the food chain at lake site. They enjoyed the environmental games and lunch in the Chatri Garden.



Students with WECS, Amravati Members

Bird Watching with Monocular



HEAD,  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.

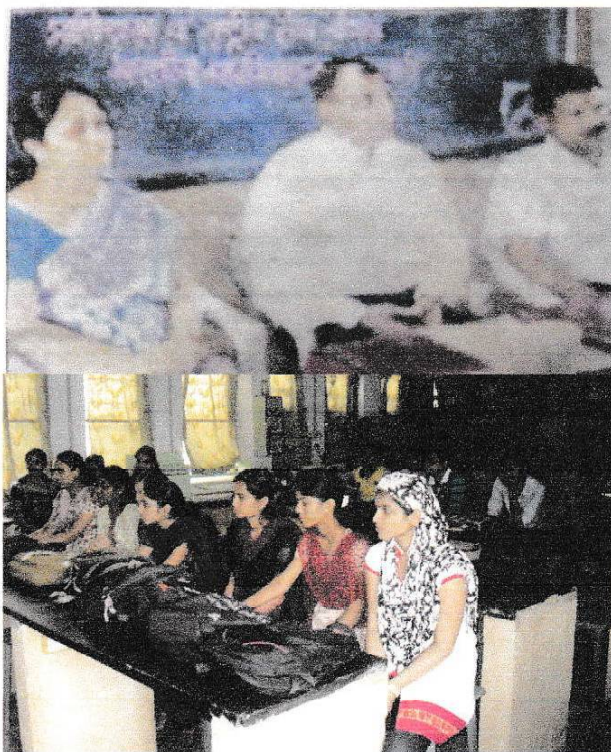


**Department of Zoology**  
**Guest Lecture on "Environmental Importance of Snakes"**  
**by Dr. Jayant Wadatkar**

**Report-**

Department of Zoology and NSS, College Unit jointly organised a guest lecture of Dr. Jayant Wadatkar, Secretary, Wild Life and Environment Conservation Society, Amravati on the occasion of "Nagpanchami", i.e. 24/07/ 2014.

Informing about snakes and their importance Dr. Wadatkar threw light upon importance of snake in food chain. He informed about various forms of blind faiths, misunderstanding and suspicion about snakes to the students. He also informed them that due to smuggling of rare species of snakes many species are at the verge of extinction and that can create harmful situation in the environment. To inform about venomous and non-venomous and rare snakes he showed a film on snakes that the participants enjoyed. Only 21% of snakes in the environment are venomous and rest are non-venomous, he informed.




Dr. Anil Khandekar, Programme officer of NSS welcomed Dr. Wadatkar. Ms. Arati Chawhan conducted the proceeding of the programme while Anup Mondhe proposed vote of thanks. Concept and structure of the programme was originated by Dr. D. S. Kulkarni, HOD, Zoology.

Dr. Khandekar, Mr. Nilesh Kadu, Co-Programme officer of NSS, Dr. Amrapali Wasnik, Co-Programme Women Officer extended special cooperation for the success of the programme. The technical side of the programme was managed by Prof. Vinod Kalyamwar. Prof. Bijawe, Dr. Dawande, Dr. Kadu, Dr. Gulhane and other teaching staff were present in the programme. Students of Zoology Department and NSS volunteers worked hard for making the programme successful.

**Programme Outcome:**

1. Students learned the about poisonous and non poisonous snakes
2. Students got information about status of snakes.
3. Students got knowledge of environmental importance of snakes.

  
HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.



# Only 21 pc snakes in environment are poisonous: Dr Wadatkar

■ Amravati Bureau

AMRAVATI, July 28

NATIONAL Service Scheme (NSS) and Zoology Department of Bharatiya College, Amravati, jointly organised a lecture of Dr Jayant Wadatkar on topic 'Environmental Importance of Snakes' on account of 'Nagpanchami' at the college recently.

Informing about snakes and their importance, Dr Wadatkar threw light up upon how important link a snake is in the food chain. He informed about various forms of blind faith, misunderstandings and suspicion about snakes to students. He also informed them that due to smuggling of snakes, many species are on verge of extinction and that can create harmful situation in the environment. To inform about venomous and non-venomous and rare snakes, he showed a film on snakes that the



Dignitaries sitting on the dais during the lecture programme.

participants enjoyed. Only 21 per cent snakes in the environment are venomous and rests are non-venomous, he informed.

Dr Anil Khandekar, Programme Officer of NSS welcomed Dr Jayant Wadatkar by offering him a bouquet. Arati Chawhan conducted the

proceedings of the programme while Anup Mondhe proposed a vote of thanks. Concept and structure of programme was originated by Dr Diplakshmi Kulkarni, Head of the Zoology Department.

Dr Anil Khandekar, Prof Nilesh Kadu, Co-Programme Officer of NSS, Prof Amrapali Wasnik, Co-Programme Women Officer, extended their special co-operation for the success of the programme. The technical side of the programme was

managed by Prof Vinod Kalyaniwar. Prof Bijwe, Dr Dewade, Dr Kadu, Dr Gulhane and other teaching staff were present in the programme. Students of Zoology Department and NSS volunteers as well worked hard for making the programme successful.



HEAD


Department of Zoology,  
Bharatiya Mahavidyalaya  
AMRAVATI

## Department of Zoology

### -NOTICE-

All the students of B.Sc.II (Sem IV) are hereby informed that a study tour to **Bamboo Garden and Wadali Lake** is arranged on 16/02/2016. Students have to arrange their own vehicle for the visit. The tour is scheduled from 11.0am to 4.0pm.



  
Head  
Department of Zoology,  
Bharatiya Mahavidyalaya, Amravati.



## Department of Zoology

### Visit to Bamboo Garden and Wadali Lake, Amravati: Report

S.G.B. Amravati University implemented Syllabus of Semester pattern from the session 2010-2011 for B.Sc.-II. It includes one or two short excursion / study tours for the observation of animals in their natural habitat and study of at least one ecosystem. Towards partial fulfillment of the practical syllabi the Department of Zoology arranged a visit to the local Wadli Forest Nursery, Bamboo Garden and Wadali Lake for the B.Sc. Part II (Sem-IV) students.

Total 32 students, along with 2 teaching staff and 1 non-teaching staff gathered at the Wadli Forest Nursery on 16/02/2016 at 10.00 am. Mr. S. Saleem Ahamed, Forester, Wadali Sector gave a detailed information about the bamboo collection in the garden. Students gathered information about the varieties of plants and animals in the nursery. They prepared check list of invertebrate fauna and birds.

**Invertebrate fauna:** Snail, Crab, Grasshopper, Millipedes, Spiders, Praying mantis, Cockroach, Moth, Ants, Butterfly, Mosquito, Earthworm, Beetles, Honeybees, Wasps, Caterpillars, Scorpion, etc.

**Birds of Wadali Lake :** Students prepare the list of birds with their Common name Sparrow, Crow, Maina, Bulbul, Drongo, Kingfisher, Little Cormorant, Grey Heron, Large Egret, Cattle Egret, etc.

Students of Zoology were also benefited by visit as they have observe the freshwater ecosystem at Wadali lake, which is a part of the syllabus of Semester IV separately. They collected the water sample for plankton study and physicochemical analysis.



Students With Dr. Jayant Wadatkar  
WECS, Amravati

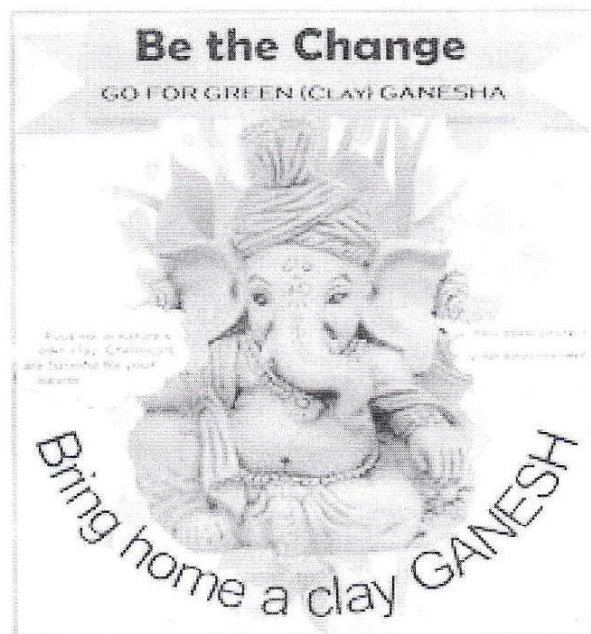
Students at Wadali Bamboo Garden,  
Forest Nursery with Mr. Saleem



  
HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
Amravati

### **“Matiche Ganapati Baswa Nisargashi Bandhilki Dakhwa”**

To protect the environment pollution during celebration of Ganesh Festivals WECS, Amravati started a novel activity of Matichi Murti (clay idol) preparation and creating awareness about the pollution caused by POP idols. The students and staff of Zoology Department actively participate in this activity. Students volunteer at the Ganesh Murti stall, at Nehru Maidan and distribute pamphlets to the visitors creating awareness about eco-friendly celebration of the Ganesh Festival and water Conservation. A certificate of participation is given to each volunteer to acknowledge their contribution.



*[Signature]*  
HEAD  
Department of Zoology,  
Chhatratiya Mahavidyalaya,  
AMRAVATI.



Department of Zoology

**NOTICE**

*“Matiche Ganapati Baswa Nisargashi Bandhilki Dakhwa”*

All the students are hereby informed that Eco-Club of Zoology department is collaborating with Wild Life and Environment Conservation Society, Amravati for promotion of Eco friendly celebration of Ganapati Festival. A stall of Clay Ganapati Murti for exhibition and sale will be held at Nehru Maidan Ganapati Market. Volunteers are required for the stall on 16<sup>th</sup> and 17<sup>th</sup> September 2015. The students who wish to participate should give their name to Dr. D.S. Kulkarni on or before 05/09/2015. A certificate will be given to each volunteer.



  
Head 11/9/15

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati

HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI

## Department of Zoology

### “Matiche Ganapati Baswa, Nisargashi Bandhilki Dakhwa”

#### Report

As per the MOU with WECS, Amravati, Eco –club members of the Zoology Department have actively participated and volunteered for the activity “Matiche Ganapati Baswa, Nisargashi Bandhilki Dakhwa”, organized by a NGO, Wild Life and Environment Conservation Society, Amravati.

To save the water pollution created by POP Murtis of Shri Ganesh WECS made available the clay Murti's on their Ganesh Murti Stall on 16-17 September 2015. To create awareness about pollution pamphlets of some do's and don'ts during the festival celebration and message of water conservation were distributed at this occasion. Students also distributes such pamphlets in the college and appeal the college students and staff for helping in environment conservation. The society has issued the certificates to the 10 student volunteers of Zoology Department to acknowledge their efforts for environment conservation.

Students enjoyed volunteering the activity and were also got satisfaction of their small contribution in environment conservation.



Students and Staff at Matiche Ganapati Stall by WECS, Amravati

  
Head HEAD

Department of Zoology  
Bharatiya Mahavidyala, Amravati



गुरुवार,

दि. १७ सप्टेंबर, २०१५

भारतीय सीर २६ भाद्रपद १९३७

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**हिंदुस्थान**

# द्वितीय मुखपृष्ठ

## पर्यावरणासोबत नाते जोडा, आवाहनास उत्तम प्रतिसाद: मातीचे गणपतीला मागणी



**अमरावती, दि. १६ (प्रतिनिधी)**

प्लास्टर ऑफ गॅसीसच्या वाढत्या उपयोगामुळे पर्यावरणावर होणारे दुष्परिणाम तसेच केमिकल रंग वापरल्याने पाणी दुषित होण्याचे प्रमाण वाढल्याने अनेक निरार्ग संरक्षण संस्था मागील पांच वर्षांपासून प्रयत्नशील आहे. सार्वजनिक गणेशोत्सवासह घरोघरी गणेश मुर्त्यांची स्थापना केली जाते. घरोघरी स्थापन होणाऱ्या गणेश मुर्त्यांचे विसर्जन खाजगी तथा सार्वजनिक विहिरीवर केल्या जात असल्यामुळे घराघरातील पाणी दुषित होत आहे.

अमरावती येथील वाईल्ड लाईफ अँड इन्व्हायर्मंट कन्झर्वेशन सोसायटी, श्री शिवाजी विज्ञान महाविद्यालय, शासकीय विदर्भ ज्ञान विज्ञान संस्था अमरावती, कला वाणिज्य व विज्ञान महाविद्यालय, किरण नगर, त्रिजलाल बियाणी

महाविद्यालय तसेच भारतीय महाविद्यालय यांचेसह तरुणाईने स्थापन केलेल्या अरण्य संरक्षण संस्था अमरावती यांचे सह जिल्ह्यातील पर्यावरण प्रेमींनी एकत्र येवून प्रदुषणमुक्त गणेशोत्सव साजरा करण्यासाठी जागृती अभियान सुरू केले होते.

अभियानात शहरातील उच्च शिक्षित तरुण, तरुणींचा सहभाग असल्याने पर्यावरण संरक्षणास विशेष प्रतिसाद मिळावयास लागला. अरण्य संरक्षण संस्थेने रोटरी क्लब अमरावतीच्या सहकार्याने मातीच्या सुबक तसेच आकर्षक गणेश भक्तांना माफक किंमतीत उपलब्ध करून दिल्या तसेच वाईल्ड लाईफ अँड एन्व्हायर्मंट कन्झर्वेशन सोसायटीचे डॉ. जयंत वडतकर, प्रा. डॉ. गजानन वाघ, डॉ. श्रीकांत वन्हेकर, मनष दाकुलकर, प्रा. डॉ. अंजली देशमुख, प्रा. डॉ. मोना चिमोटे, प्रा.

डॉ. मंजुषा वाठ, सौ. प्राची पालकर, किरण मोरे, सौरभ जवंजाळ, अंजू पहाड, शारदा डोंगरे, गुंदूर रिठे, सिल्व्हीया पावडे, प्रज्वल लोणारे, गौरव कडू या उच्च विद्याविभूषित तरुण तरुणींनी नेहरु मैदान येथे मातीचे गणपती बसवा, निसर्गाशी बांधिलकी दाखवा घोषवाक्य देऊन प्रदुषण मुक्त गणेशोत्सव साजरा करण्याचे आवाहन केले.

अमरावतीचे आ. डॉ. सुनील देशमुख यांनी नेहरु मैदान येथील कन्झर्वेशन सोसायटीचे स्टॉलचे उद्घाटन केले. संस्थेच्या पर्यावरण संरक्षण व संवर्धन प्रयत्नांचे आ. सुनील देशमुख यांनी कौतुक करून मातीच्या गणेश मुर्त्यांचीच स्थापना करावी, असे आवाहन केले. या प्रसंगी माजी महापौर मिलिंद चिमोटे, प्रा. प्रविण रघुवंशी, उल्हास मराठे आदि उपस्थित होते.

HEAD  
Department of Zoology,  
Amravati Mahavidyalaya.



Department of Zoology  
Eco-Club Activity - Report

“Matiche Ganapati Baswa, Nisargashi Bandhilki Dakhwa”



## मातीचे गणपती बसवा: निसर्गाशी बांधीलकी दाखवा!

उपक्रमाचे  
१० वे वर्ष

भारतीय संस्कृतीमधील जवळपास सर्वच सण व उत्सवांमध्ये पर्यावरण संवर्धनाची व निसर्ग पुजनाची संकल्पना असल्याचे आढळते. परंतू अलीकडच्या काळात उत्सवादरम्यान मोठ्या प्रमाणात प्रदुषण होत असल्याचे चित्र सर्वत्र दिसते. गणेशोत्सवा दरम्यान गणेश मुर्तीपासूनच ह्याची सुरुवात होते असते. शास्त्रामध्ये (मृण्मय) मातीच्या गणपती मुर्ती बसवण्यालाच महत्व आहे, परंतू अलीकडे चकचकीत दिसतात तसेच बनविण्यास सोप्या म्हणून प्लॅस्टर ऑफ पॅरीसच्या व रासायनिक रंगांनी रंगविलेल्या मुर्त्यांचा सर्रास वापर होतो आहे.

या मुर्त्यांचे विसर्जन प्रथेप्रमाणे तलाव, विहीरी किंवा नद्यांमध्ये केले जाते व मोठ्या प्रमाणात जल प्रदुषित होते. गणेशोत्सवा दरम्यान थर्माकॉल, प्लॅस्टीक अशा किती तरी विघटन न होणाऱ्या घातक वस्तू तसेच निर्माल्यामुळेही जलप्रदुषण होत असते.

वन्यजीव व पर्यावरण संवर्धन संस्थेने अमरावती जिल्ह्यात सर्वप्रथम २००५ पासून प्रदुषणमुक्त गणेशोत्सव साजरा करण्याच्या दृष्टीने जनजागृती अभियान हाती घेतले आहे. याअंतर्गत संस्था गत १० वर्षांपासून जनजागृती सोबतच मातीच्या गणेश मुर्ती उपलब्ध करून देत आहे व ह्या उपक्रमास अमरावतीकरांचा दरवर्षी भरभरून प्रतिसाद सुद्धा मिळत असतो. ह्यावर्षी सुद्धा संस्थेच्या वतीने मातीच्या गणेशमुर्ती नेहरू मैदान, राजकमल चौक येथील संस्थेच्या स्टॉलवर दि. १६ व १७ सप्टेंबर, २०१५ (बुधवार व गुरुवार) दरम्यान उपलब्ध करून देण्यात येणार आहेत.

- उत्सवादरम्यान गोळा होणारे निर्माल्य पाण्यातच विसर्जीत व्हायला हवे ही सर्वसाधारण मानसिकता बदलवून पाणी प्रदुषित न करता त्याचे सेंद्रिय खत तयार करता येऊ शकते.
- गणेशमुर्त्या कुठल्याही तलाव किंवा विहीरीत न टाकता त्या महानगरपालिकेने नेमून दिलेल्या जलाशयातच विसर्जीत कराव्यात. घरची लहान मुर्ती घरच्या घरी तात्पुरत्या टाक्यात सुद्धा विसर्जीत करता येईल.
- त्वचेला अपायकारक केमिकलसयुक्त कुंकू न वापरता हळदीच्या परंपरागत कुंकूचा आग्रह धरावा, नमुन्यादाखल स्टॉलवर ते कुंकू उपलब्ध असेल.
- न्यायालयाने प्लॅस्टर ऑफ पॅरीसच्या मुर्तीचा वापर न करण्यासंबंधात काही मार्गदर्शक तत्वे आखून दिली आहेत त्यामुळे मोठ्या आकाराच्या व प्लॅस्टरच्या मूर्ती तयार करणे व वापरावर बंधने आली आहेत.
- अमरावती म.न.पा.ने सुद्धा याबाबत पुढाकार घेतला असल्यामुळे प्लॅस्टर ऑफ पॅरीसच्या मूर्ती शहरात तयारच होणार नाहीत, अशी अपेक्षा आहे.
- बाजारातून गणेश मूर्ती घेतांना मातीच्याच मूर्तीचा आग्रह धरा व घेण्यापूर्वी मूर्ती मातीचीच आहे याची खात्री करून घ्या.

**प्रदुषण मुक्त गणेशोत्सव ..... प्रदुषण मुक्त गणेशविसर्जन .....**  
**वाईल्डलाईफ अँड एन्व्हायर्मेट कन्झर्वेशन सोसायटी**  
४२, ग्रीनपार्क कॉलनी, आशियाड कॉलनी जवळ, शेगाव रोड, अमरावती ४४४ ६०४ (महा.)  
Web. [www.wecsamravati.org](http://www.wecsamravati.org) | Email. [wecs\\_2001@yahoo.com](mailto:wecs_2001@yahoo.com)

**संपर्क**

डॉ. जयंत वडतकर ९८२२८७५७७३	प्रा.डॉ. अंजली देशमुख ९४२२९१६१८१
प्रा.डॉ. गजानन वाघ ९८२२२०४०७०	प्रा. डॉ. मोना चिमोटे ९४२२१५५०८८
डॉ. श्रीकांत व-हेकर ९४२३२०३०७०	प्रा.डॉ. मंजुषा वाठ ९४२३४२४७१०
मनिष दाकुलकर ८८०५००८८०३	सौ. प्राची पालकर ९८२३०४९१९८
अल्केश टाकरे (परतवाडा) ९३७३७२४४७८	श्री किरण मोरे ९९२३९१००३४

HEAD  
Department of Zoology  
Pune University  
Pune



Department of Zoology

NOTICE

All the students of B.SC.II are hereby informed that a study tour to  
**“Pohora Reserve Forest”** is arranged on 04/10/2015 i.e. Sunday.  
Students have to arrange their own vehicle for the visit. The tour  
timing is 11.0 am to 4.0pm.

Head

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati



HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
Amravati

## Department of Zoology

### Visit to Pohora Reserve Forest and Village: Report

**Place of Visit:** Pohara Reserve Forest

**Date of Visit:** 04/10/2015

**Number of Students:** 22

Towards partial fulfillment of the practical syllabus of B.Sc. III (Sem-V), as prescribed by S.G.B.A.U., a study tour was arranged to Pohora Reserve forest and village to study fish culture and agriculture pests. Pohora is located 20km, towards east of Amravati.

Total 22 students, along with Dr. D.S. Kulkarni, Head of the Department and Mr. Sandeep Ambulkar, Wild Life and Environment Conservation Society (WECS), member visited the forest on 04/ 10/2015 .The lake in the Pohora reserve forest is well known for the fish culture. The local fishermen look after the fish seedlings provided by the Government agencies and get the benefit of fish as nutritive food and a source of additional income. Catlacatla and Mrigal are two species commonly cultured. Students gathered information about the material and method of fish culture from the local fishermen.

They also visited the fields of local farmers to study agriculture pests. They collected some of the pests for dentification.



  
HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.



## Department of Zoology

### NOTICE

Eco-club of the department has arranged a Bird Watching Programme and Nature Walk at Chatri Lake on 22/10/2016. Eco club is giving a chance to Bird Lovers to watch many migratory birds at Chatri Lake. Researcher and Expert Dr. Jayant Wadtkar, Secretary WECS, Amravati will be present to guide the students at this occasion. Students are appealed to grab this opportunity and enjoy Bird Watching.



A handwritten signature in blue ink.

Head

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati

HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.

## Department of Zoology

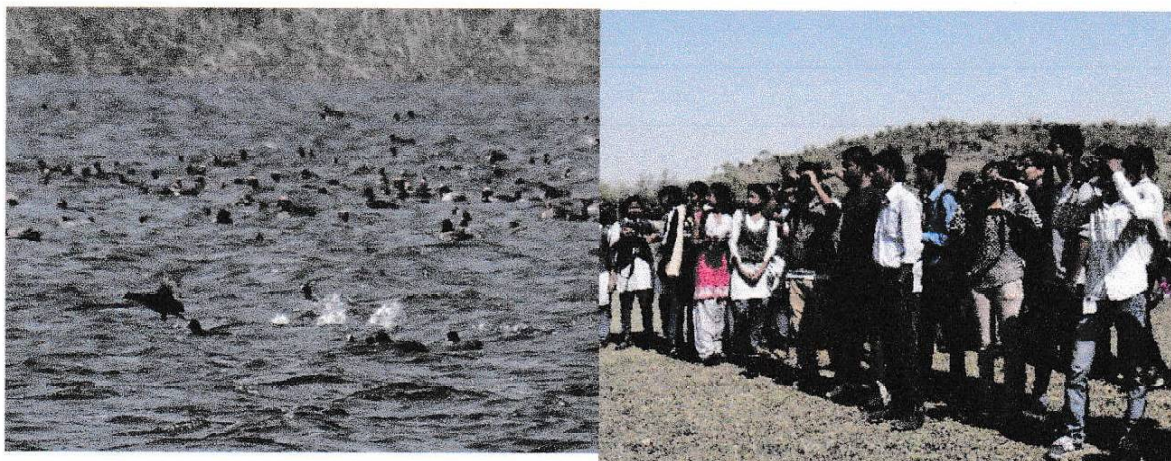
### Visit to Chatri lake and Garden, Amravati -Report

S.G.B. Amravati University implemented Syllabus of Semester pattern from the session 2010-2011 for B.Sc.-II. It includes one or two short excursion / study tours for the observation of animals in their natural habitat and study of at least one ecosystem. Towards partial fulfillment of the practical syllabi the Department of Zoology arranged a visit to the local Chatri Lake for the B.Sc. Part II (Sem-IV) students.

Chatri Lake of Amravati is situated on the south eastern part of Amravati, was constructed dating back to the 18th century, makes for a fascinating heritage site with great historical significance. It is a water reservoir, built in the year 1888, on a small spring called 'Kali Nadi' with a purpose to supply drinking water to the city of Amravati. Presently, this scenically blessed reservoir gets stocked with the water supplied from the Upper Wardha Dam. Adorned with beautiful green landscape, this charming water body is the humble abode to numerous black ducks and other local and migratory birds.


Total 40 students, along with three teaching staff and a non-teaching staff gathered at the Chatri Garden on 22/10/2016 at 08.00 am. Dr. Jayant Wadtkar, Secretary Wild Life and Environment Conservation Society, Amravati and a renowned bird watcher guided the students about do's and don'ts of bird watching and gave tips for recording the bird fauna. The other members of the society also helped the students in locating and identifying the birds. They prepared a list of bird fauna and other species in the garden.

Students also visited the Chatri Lake to study 'Lake Ecosystem'. They observed local and the migratory birds at the lake. They studied the producers, consumers and decomposers of the ecosystem. They studied the food chains in the Lake site and the Garden and also prepared the food web based on their observation. They enjoyed lunch in the garden and had fun playing swings, slides and merry-go-round.



Students Observing Local & Migratory Birds at Chatri Lake



  
HEAD  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.



Department of Zoology

**NOTICE**

"Matiche Ganapati Baswa Nisargashi Bandhilki Dakhwa"

All the students are here by informed that Eco-Club of Zoology department is collaborating with Wild Life and Environment Conservation Society, Amravati for promotion of Eco friendly celebration of Ganapati Festival. A stall of Clay Ganapati Murti for exhibition and sale will be held at Nehru Maidan Ganapati Market. Volunteers are required for the stall on 4<sup>th</sup> and 5<sup>th</sup> September 2016. The students who wish to participate should give their name to Dr. D.S. Kulkarni on or before 25/08/2016. A certificate will be given to each volunteer.



  
Head 20/8/16

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati  
Department of Zoology  
Bharatiya Mahavidyalaya,  
AMRAVATI.

**Department of Zoology**  
**“Matiche Ganpati Baswa, Nisargashi Bandhilki Dakhwa”**

**Report**

As per the MOU with WECS, Amravati, Eco -club members of the Zoology Department have actively participated and volunteered for the activity **“Matiche Ganpati Baswa, Nisargashi Bandhilki Dakhwa”**, organized by a NGO, Wild Life and Environment Conservation Society, Amravati. WECS, Amravati


To save the water pollution created by POP Murtis of Shri Ganesh WECS made available the clay Murtis on their Ganesh Murti Stall on 4-5 September 2016. To create awareness about pollution pamphlets of some do's and don'ts during the festival celebration were distributed at this occasion. Students also distribute such pamphlets in the college and appeal the college students and staff for helping in environment conservation. The society has issued the certificates to the 10 student volunteers of Zoology Department to acknowledge their efforts for environment conservation.

Students enjoyed volunteering the activity and were also got satisfaction of their small contribution in environment conservation.



Dr. Wadatkar, Dr. Kulkarni, Dr. Laharia and Students at the Ganapati stall



  
**HEAD**  
Department of Zoology,  
Bharatiya Mahavidyalaya,  
AMRAVATI.



## NOTICE

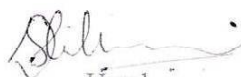
### PHOTOGRAPHY WORKSHOP

## **"TAKE A GREAT PHOTO WITH YOUR OWN GADGET"**

A photography workshop for the students of B.Sc. is arranged from 1<sup>st</sup> October to 3<sup>rd</sup> October 2016 by the department of Zoology on the occasion of "World Wild Life Week". The student must have his/her own mobile or any other camera. The entries are limited and will be entertained on first come basis. Students have to register their entries in the department of Zoology on or before 30/10/16. The workshop is free of cost.

The Schedule of the workshop is as follows

Date	Time	Venue
01/10/16	2.0pm – 5.0pm	Zoology Lab
02/10/16	10.0am-12.00noon	Zoology Lab
03/10/16	7.0am-9.0am	Wadali Forest Nursery



Head

Department of Zoology  
Bharatiya Mahavidyalaya, Amravati



## DEPARTMENT OF ZOOLOGY

### **“Take A Great Snap with Your Own Gadget” PHOTOGRAPHY WORKSHOP: REPORT**

The Biodiversity Board has forbidden the collection of animals and plants species, now it's ideal to take the photograph of the species for record. Therefore, on the occasion of 'World Wild Life Week', the department of Zoology had arranged a three days photography work shop for the students of Science Faculty on 1<sup>st</sup> and 3<sup>rd</sup> October 2016. Wild Life and Environment Conservation

Society, Amravati provided the trainer, Mr. Vikas Kemdeo, a well-known photographer and Journalist of the city for this workshop.

Dr. A.J. Gadewar, Principal, B.M.V. inaugurated the work shop. Dr. S.V. Kulkarni, In-charge Science Faculty and Dr. S. R. Gulhane, HOD, Microbiology were the guest of honour. Dr. D.S. Kulkarni introduced Mr.

Kemdeo and welcomed the dignitaries. Dr. Vinod Kalyamwar, Mrs. M.P. Gilalkar, Ms. Ashwini Farkade, Ms. Gayatri Nandapure were present on this occasion. Ms. Shweta Wahurwagh conducted the inaugural function while Ms. Wayuvhare presented vote of thanks.



  
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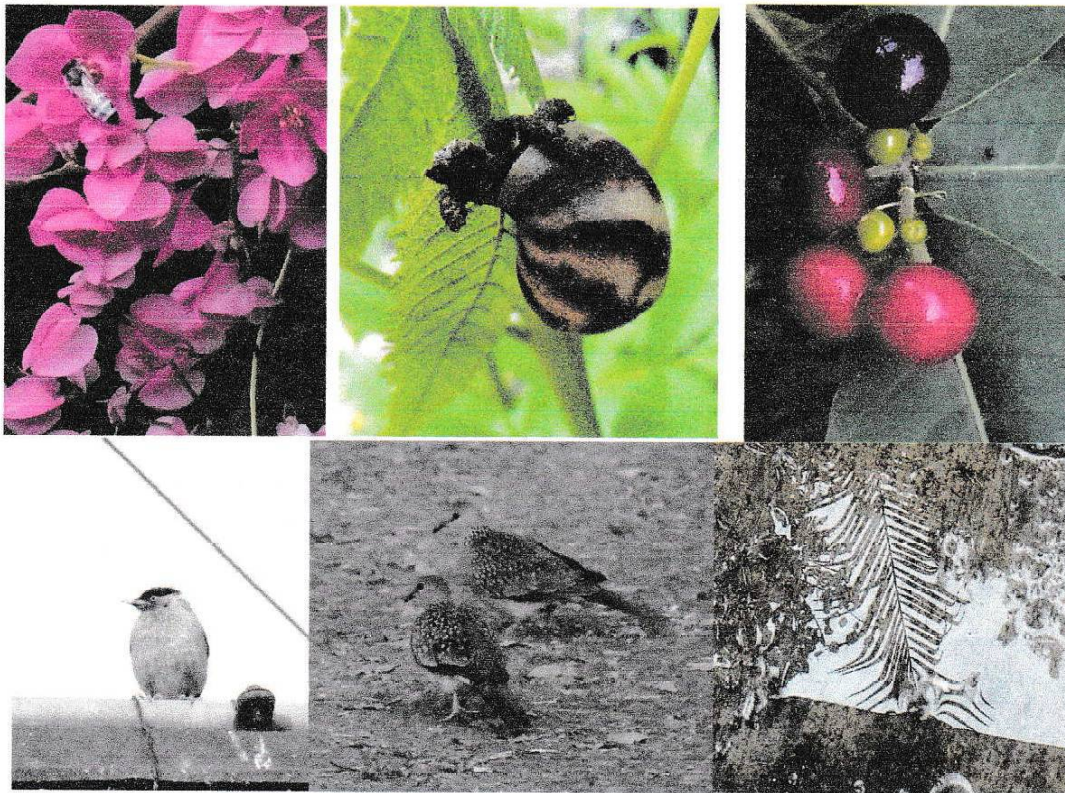
Mr. Vikas Kemdeo, on first day introduced the students to do's and don'ts of the photography and proper use of light while capturing the snap. He guided the students how to handle the digital and mobile phone cameras for the indoor and outdoor photography. On the second and third day of the workshop Mr. Kemdeo gave training for outdoor photography of the flora and fauna in the college garden. The students learned the tricks



**Mr. Kemdeo training the students**

of photography in this workshop and captured good quality pictures of the flora and fauna in the college campus. 20 students of science faculty were benefitted by this workshop.

### **Some Photographs Taken By The Students During the Workshop**



*Sh...*  
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## Department of Zoology

### -NOTICE-

All the students of B.Sc.I &II (Sem I& III) are hereby informed that a study tour to local **Bamboo Garden** is arranged on 07/10/2017. Students have to arrange their own vehicle for the visit and reach directly to the Bamboo Garden, Wadali at 7.45a.m.



A handwritten signature in blue ink, appearing to be 'Sh. ...', written over the printed name 'Head'.

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## Department of Zoology

### Study Tour To "Bamboo Garden"-Report

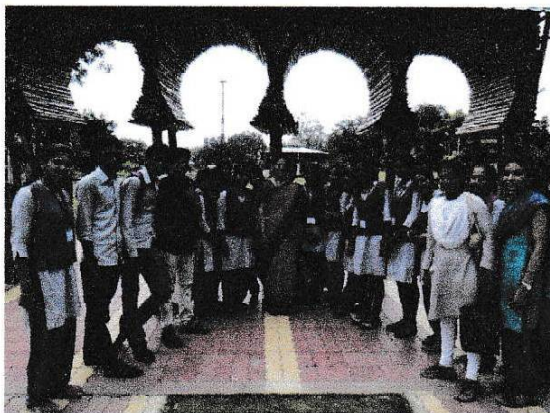
Towards partial fulfilment of the practical syllabi of B.Sc. I & II the Department of Zoology in association with Wild Life and Environment Conservation Society, Amravati (WECS) arranged a visit to the local Bamboo Garden, Amravati and Wadali Lake for the students. S.G.B. Amravati University implemented Syllabus of Semester pattern from the session 2010-2011 for B.Sc.. It includes one or two short excursion / study tours for the observation of animals in their natural habitat and study of at least one ecosystem.

Bamboo Garden of Amravati is an unique garden developed by forest department to enlighten the people about varieties of bamboo and their uses. The forest department has created wonders using over 60 varieties of bamboos. There is a cactus garden, one of its kind at the end of this garden which also attracts lot of attention. There is a natural lake which adds to the beauty of the garden and is a favorite place of migratory birds. This is a very popular amusement park and people visit this garden with family and friends.

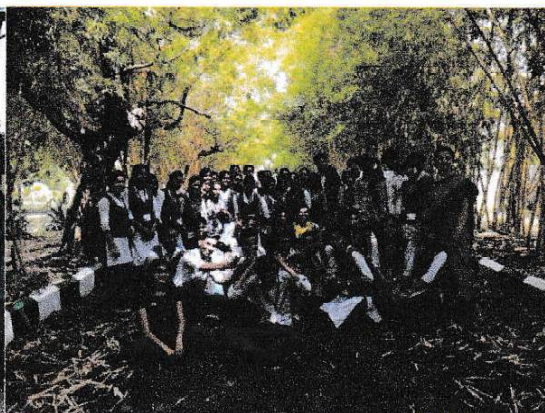
Total **72 students**, along with teaching staff and a non-teaching staff gathered at the Bamboo Garden at 08.00 am. Dr. Jayant Wadatkar, Secretary WECS, Amravati and a renowned birder, guided the students about do's and don'ts of bird watching and gave tips for recording the bird fauna. Students observed birds with the binoculars provided by WECS and tried to identify them with the help of staff Dr. D.S. Kulkarni, Ms. Puranik, Ms. Gulhane and Dr. Wadatkar.

Latter Mr. S. Saleem Ahamed, Forest Officer, Wadali Sector gave a detailed information about the bamboo collection in the garden. He gave information about the species of the bamboo suitable for planting in farm which could yield additional income to farmers or entrepreneurs.

Students gathered information about the varieties of plants and animals in the nursery. They prepared a list of bird fauna and bamboo species in the garden. The flora and fauna information boards posted on road side were very informative. Students also visited the Wadali Lake to study 'Lake Ecosystem', and observed the migratory birds. The students of B.Sc.II noted the producers, consumers and decomposers of the lake ecosystem. They studied the food chains in the Lake ecosystem and the Wadali Garden and also prepared the food web based on their observation. B.Sc. I students made a list of fauna found in the garden and lake.




Wadali Garden Gate



Bamboo Plantation



  
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Eco Club, Zoology Department, Bharatiya Mahavidyalaya, Amravati  
Wild Life and Environment Conservation Society, Amravati  
**Checklist of Birds - Wadali, Chatri Lake, B.M.V. Amravati**


Common Name	Scientific Name	Status/Abundance	Feeding Habit
<b>Podicipediformes</b>			
1. Little Grebe	<i>Tachybaptus ruficollis</i>	RM/C	Omnivorous
<b>Suliformes</b>			
2. Great Cormorant			
3. Little Cormorant	<i>Phalacrocorax niger</i>	RM/C	Piscivorous
<b>Pelecaniformes</b>			
4. Little Egret	<i>Egretta garzetta</i>	R/C	Carnivorous
5. Cattle Egret	<i>Bubulcus ibis</i>	R/C	Carnivorous
6. Indian Pond Heron	<i>Ardeola grayii</i>	R/C	Carnivorous
7. Grey Heron	<i>Ardea cinerea</i>	RM/U	Carnivorous
8. Large Egret	<i>Casmerodius albus</i>	R/U	Carnivorous
9. Purple Heron	<i>Ardea purpurea</i>	R/U	Carnivorous
10. Intermediate Egret	<i>Mesophoyx intermedia</i>	R/C	Carnivorous
<b>Ciconiidae</b>			
11. Painted Stork	<i>Mycteria leucocephala</i>	RM/ O	Carnivorous
12. Asian Open-billed Stork	<i>Anastomus oscitans</i>	RM/ L	Carnivorous
13. White-necked Stork	<i>Ciconia episcopus</i>	R/U	Carnivorous




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<b>Accipitridae</b>			
32. Black Kite	<i>Milvus migrans</i>	R/C	Carnivorous
33. Osprey	<i>Pendion haliaetus</i>	WM/Rr	Piscivorous
<b>Rallidae</b>			
34. Common Coot	<i>Fulica atra</i>	RM/C	Omnivorous
<b>Jacanidae</b>			
35. Pheasant-tailed Jacana	<i>Hydrophasianus chirurgus</i>	R/U	Omnivorous
36. Bronze winged Jacana	<i>Metopidius indicus</i>	R/U	Omnivorous
<b>Scolopaciidae</b>			
37. Common Snipe	<i>Gallinago gallinago</i>	WM/U	Omnivorous
38. Pintail Snipe	<i>Gallinago Stenura</i>	R/Rr	Omnivorous
39. Wood Sandpiper	<i>Tringa glareola</i>	WM/C	Carnivorous
40. Common Sandpiper	<i>Actitis hypoleucos</i>	WM/C	Carnivorous
41. Marsh Sandpiper	<i>Tringa stagnatilis</i>	WM/O	Carnivorous
<b>Recurvirostridae</b>			
42. Black winged Stilt	<i>Himantopus himantopus</i>	WM/C	Carnivorous
<b>Charadriidae</b>			
43. Yellow-wattled Lapwing	<i>Vanellus malabaricus</i>	R/C	Carnivorous
44. Red-wattled Lapwing	<i>Vanellus indicus</i>	R/C	Carnivorous

  
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 Kozhikode

45. Little Ringed Plover	<i>Charadrius dubius</i>	WM/C	Carnivorous
<b>Laridae</b>			
46. River Tern	<i>Sterna aurantia</i>	RM /C	Piscivorous
<b>Columbidae</b>			
47. Blue Rock Pigeon	<i>Columba livia</i>	R/C	Granivorous
48. Little Brown Dove	<i>Streptopelia senegalensis</i>	R/U	Granivorous
49. Spotted Dove	<i>Streptopelia chinensis</i>	R/C	Granivorous
<b>Falconidae</b>			
50. Lesser Kestrel	<i>Falco naumanni</i>	PM/Rr	Carnivorous
<b>Apodidae</b>			
51. House Swift	<i>Apus affinis</i>	R/C	Insectivorous
<b>Meropidae</b>			
52. Small Bee-eater	<i>Merops orientalis</i>	RM/C	Insectivorous
<b>Coraciidae</b>			
53. Indian Roller	<i>Coracias benghalensis</i>	R/C	Insectivorous
<b>Alcedinidae</b>			
54. Lesser Pied Kingfisher	<i>Ceryle rudis</i>	R/C	Piscivorous
55. Small Blue Kingfisher	<i>Alcedo atthis</i>	R/C	Piscivorous
56. White-throated Kingfisher	<i>Halcyon smyrnensis</i>	R/C	Piscivorous

  
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<b>Alaudidae</b>			
57. Ashy-crowned Sparrow Lark	<i>Eremopterix grisea</i>	R/C	Omnivorous
58. Rufus-tailed Finch Lark	<i>Ammomanes phoenicurus</i>	R/C	Omnivorous
<b>Hirundinidae</b>			
59. Wire-tailed Swallow	<i>Hirundo smithii</i>	R/C	Insectivorous
60. Dusky Crag-Martin	<i>Hirundo concolor</i>	R/U	Insectivorous
<b>Sturnidae</b>			
61. Common Myna	<i>Acridotheres tristis</i>	R/C	Omnivorous
<b>Corvidea</b>			
62. House Crow	<i>Corvus splendens</i>	R/C	Omnivorous
<b>Dicruridae</b>			
63. Black Drongo	<i>Dicrurus macrocercus</i>	R/U	Insectivorous
<b>Motacillidae</b>			
64. Paddyfield Pipit	<i>Anthuru rufulus</i>	R/C	Insectivorous
65. Yellow Wagtail	<i>Motacilla flava</i>	WM/C	Insectivorous
66. Large Pied Wagtail	<i>Motacilla maderaspatensis</i>	R/C	Insectivorous
67. Grey Wagtail	<i>Motacilla cinerea</i>	WM/C	Insectivorous
68. Citrine Wagtail	<i>Motacilla citreola</i>	WM/C	Insectivorous

  
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<b>Threskiornithidae</b>			
14. Black Ibis	<i>Pseudibis papillosa</i>	R/U	Omnivorous
15. Eurasian Spoonbill	<i>Platalea leucorodia</i>	WM/ U	Omnivorous
<b>Anatidae</b>			
16. Mallard	<i>Anas platyrhynchos</i>	WM/U	Herbivorous
17. Northern Pintail	<i>Anas acuta</i>	WM/C	Herbivorous
18. Spot-billed Duck	<i>Anas poecilorhyncha</i>	R/C	Herbivorous
19. Eurasian Wigeon	<i>Anas penelope</i>	WM/C	Herbivorous
20. Northern Shoveller	<i>Anas clypeata</i>	WM/C	Omnivorous
21. Common Teal	<i>Anas crecca</i>	WM/C	Herbivorous
22. Garganey	<i>Anas querquedula</i>	WM/C	Herbivorous
23. Gadwall	<i>Anas strepera</i>	WM/C	Omnivorous
24. Brahminy Shelduck	<i>Tadorna ferruginea</i>	WM/C	Omnivorous
25. Red-crested Pochard	<i>Rhodonessa rufina</i>	WM/C	Omnivorous
26. Common Pochard	<i>Aythya ferina</i>	WM/C	Omnivorous
27. Tufted Pochard	<i>Aythya fuligula</i>	WM/C	Omnivorous
28. Cotton Teal	<i>Nettapus coromandelianus</i>	R/C	Omnivorous
29. Comb Duck	<i>Sarkidiornis melanotos</i>	RM/U	Omnivorous
30. Lesser Whistling Duck	<i>Dendrocygna javanica</i>	R/C	Herbivorous
31. Ferruginous Pochard	<i>Aythya nyroca</i>	WM/U	Omnivorous

  
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 Department of Zoology,  
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**Department of Zoology**  
**Guest Lecture on "Terrestrial Ecosystem"**  
**by Dr. Shrikant Warhekar**

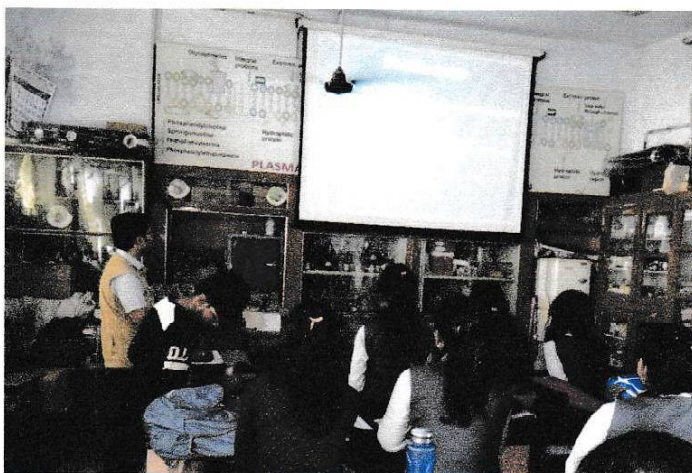
**Report-**

Department of Zoology in association with Wild Life and Environment Conservation Society, Amravati arranged a guest lecture of Dr. Shrikant Warhekar, Assistant Professor, EVS, Narsamma College, Amravati. The lecture was arranged on 1/3/2018 for the students of B.Sc.II (Sem. IV) in the Zoology Laboratory.

Dr. D.S. Kulkarni, HOD, Zoology welcomed Dr. Warhekar by offering a sapling.

Dr. Warhekar explained that a terrestrial ecosystem is a type of ecosystem found only on biomes. He told that seven primary terrestrial ecosystems exist: tundra, taiga, temperate deciduous forest, tropical rain forest, grassland, deserts. He also explained that a community of organisms and their environment that occurs on the land masses of continents and islands include the terrestrial ecosystem. Dr. Warhekar gave various examples of biotic and abiotic factors in the terrestrial ecosystem and their effects. The effective slides and the films shown by Dr. Warhekar helped the students to understand the topic.


The programme was conducted by Ms. Devyani Alaspure and Mr. Devashish Take presented vote of thanks.



**Dr. Shrikant Warhekar deliverig Lecture on Terrestrial Ecosystem**

**Programme Out Comes**

1. Students learned the concept of ecosystem.
2. They learned what are biotic and abiotic factors in terrestrial ecosystem.
3. They understood the role of these factors in an ecosystem
4. The question answer round conducted in the lecture helped students to clear their doubts.
5. They completed one point of their Sem.IV syllabus.

  
HOD  
Department of Zoology  
Bhamburda College, Amravati  
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**Department of Zoology**  
**NOTICE**

“Matiche Ganapati Baswa Nisargashi Bandhilki Dakhwa”

All the students are hereby informed that Eco-Club of Zoology department is collaborating with Wild Life and Environment Conservation Society, Amravati for promotion of Eco friendly celebration of Ganapati Festival. A stall of Clay Ganapati Idols for exhibition and sale will be held at NeharuMaidanGanapati Market. Volunteers are required for the stall on 24<sup>th</sup> and 25<sup>th</sup> August 2017. The students who wish to participate should give their name to Dr. D.S. Kulkarni on or before 20/08/2017. A certificate will be given to each volunteer.



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Head

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Bharatiya Mahavidyalaya, Amravati

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## Department of Zoology Eco-Club Activity - Report

### “Matiche Ganpati Baswa, Nisargashi Bandhilki Dakhwa”

The department of Zoology has a MOU with a NGO Wildlife and Environment Conservation Society, Amravati. The department actively participates in various activities of the society.

10 Eco-club members of the Zoology Department have actively participated and volunteered the activity “Matiche Ganpati Baswa, Nisargashi Bandhilki Dakhwa”, organized by WECS, Amravati. The society made available the clay idols of Shri Ganesh on the stall to prevent pollution created by POP idol immersion in various water bodies. The idols were sold for two days i.e., 24-25/08/17, at minimal cost with the message that every citizen must take part in environment conservation.

Dr. D.S. Kulkarni, Head of the department has also actively participated in the activity. The society has issued the certificates to the volunteers to acknowledge their efforts for environment conservation.



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Head

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Bharatiya Mahavidyalaya, Amravati

HEAD

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## Department of Zoology

### NOTICE

Eco-club of the department has arranged a Nature Walk and Bird Watching Programme at Chatri Lake on 14/01/2018. WECS, Amravati is giving a chance to Bird Lovers to watch many migratory birds at "Bird Fest" arranged at Chatri Lake. Researcher and Experts of WECS, Amravati will guide the students at this occasion. Students are appealed to grab this opportunity and enjoy Bird Watching. Bring some empty bags for collection of waste during nature walk.

Venue: Chatri Lake

Time : 8.0am



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# WILDLIFE & ENVIRONMENT CONSERVATION SOCIETY

AMRAVATI. (M.S.)

Reg. No. MH/87/2001/AMT.

Dr. Anjali S. Deshmukh

President  
9158755577



**WECS**

Amravati, Maharashtra

Dr. Jayant S. Wadatkar

Secretary  
9822875773

Website : [www.wecsamravati.org](http://www.wecsamravati.org)

email : [wecs\\_2001@yahoo.com](mailto:wecs_2001@yahoo.com)

42, Green Park Colony, Near Asiad Colony, Shegaon Road, Amravati - 444604 ☎ 0721-2552334

Dr. Shrikant R. Warhekar

Vice-President  
9423203070

Dr. Gajanan A. Wagh

Treasurer  
9822204070

Dr. Manjusha Wath

Jt- Secretary  
9423424710

Mrs. Prachi S. Palkar

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9823049198

Mr. Kiran P. More

Member  
9923910034

Mr. Gajanan Bapat

Member  
9623352335

Mr. Alkesh V. Thakare

Member  
Mob. 7588084338

- Advisory Committee -

Mr. Milind Chimote

Ex- Mayor Amravati

Dr. Prabha Y. Bhogaonkar

Founder President

Dr. Raju Kasambe

Founder Secretary

Ref. WECS/2018

Date: 27/01/2018

प्रती,

मा. विभाग प्रमुख

प्राणीशास्त्र विभाग, भारतीय महाविद्यालय अमरावती

स.न.वि.वि.

वन्यजीव व पर्यावरण संवर्धन संस्था, अमरावती (WECS) हि संस्था गेल्या १७ वर्षांपासून पक्षी अभ्यास, नोंदणी, संवर्धन व जनजागृतीसाठी कार्य करीत असून या अंतर्गत विद्यार्थ्यांकरिता पक्षी निरीक्षणाचे कार्यक्रम आयोजित करीत असते. हिवाळ्यादरम्यान अमरावती लगतच्या छत्री तलावावर मोठ्या संख्येने, युरोप तथा उत्तरेकडील अनेक देशातून जवळपास ४०-५० प्रजातींचे स्थलांतरित पक्षी देश-विदेशातून येत असतात. या पक्ष्यांची व एकूणच पक्षी विश्वाची ओळख करून देण्याच्या दृष्टीने दरवर्षीप्रमाणे यावर्षी सुद्धा वेक्स संस्थेतर्फे छत्री तलावावर वेक्स बर्ड फेस्ट चे आयोजन करण्यात आले आहे. या ठिकाणी पक्षी निरीक्षणास येणाऱ्या विद्यार्थी तथा निसर्गप्रेमींसाठी पक्षी निरीक्षणाकरिता दुर्बीण तथा माहितगार स्वयंसेवकाच्या मदतीने तलावावर आलेल्या स्थलांतरित पक्षी प्रजातींची ओळख तथा पक्षी निरीक्षण करता येईल. तसेच याठिकाणी पक्षी निरीक्षण करण्याकरिता दुर्बीणी, पक्षी विषयक पुस्तके, पक्षी निरीक्षणास लागणारे इतर साहित्य, कॅमेरे, लपण गृह, पक्षी सूची ई. साहित्य प्रदर्शनार्थ ठेवण्यात येईल. तसेच शालेय विद्यार्थ्यांसाठी प्रश्नमंजुषा स्पर्धा घेण्यात येईल. या स्पर्धेच्या विजेत्यांना स्मृतीचिन्ह, पुस्तके व प्रमाणपत्र, संस्थेच्या पुढील कार्यक्रमांमध्ये प्रदान करण्यात येईल.

या कार्यक्रमांमध्ये शालेय तथा महाविद्यालयीन विद्यार्थी, व निसर्ग प्रेमी भाग घेऊ शकतात. या कार्यक्रमातील सहभाग हा विनामूल्य असून छत्री तलावावर दि १४ जानेवारी ला सकाळी ७ पासून ते सायंकाळी ५ वाजेपर्यंत या वेळात इच्छुकांनी आपली हजेरी लावावी. तलावावर निरीक्षणास व इतर माहिती जाणून घेण्यास किमान एक तास लागणार आहे. नाव नोंदणी तथा अधिक माहिती करिता श्री. किरण मोरे (९९२३९१००३) व डॉ. गजानन वाघ (९८२२२०४०७०) यांचेशी संपर्क करता येईल.

आपला

डॉ. जयंत वडतकर

(सचिव)





## DEPARTMENT OF ZOOLOGY

### NATURE WALK AND BIRD FEST AT CHATRI LAKE

Wild Life and Environment Conservation Society, Amravati arranged a "Bird Fest", at Chatri Lake on 14/01/2018, to create awareness and interest amongst students and citizens about the avifaunal diversity and their conservation. During winter season many migratory birds visit Chatri Lake. Students and staff of Zoology department participated in this activity.

Due to increasing pollution and decreasing rain fall this habitat is posing threat and the number of foreign visitors is declining. To clean the habitat a nature walk was taken by the WECS, members to collect waste from the area. Then the students enjoyed bird watching. Students observed the migratory birds and tried


to identify them. Staff members Dr. D.S. Kulkarni, Mrs. M.P. Gilalkar, Ms Farkade and WECS, Members Dr. Wadatkar, Dr. Wagh, Dr. Warhekar, Mr. Gawande helped students to identify the birds. Students took photographs and prepared check lists of the birds they observed. Students observed the

equipment like binoculars, bird feeders, bird watching hide, etc. displayed by WECS.

#### Programme Outcome:

1. Students cleaned the area of Chatri lake during their nature walk.
2. They observed migratory and regional birds through monocular and binoculars.
3. They prepared check list of birds.
4. They observed various equipment used for bird watching.
5. They developed interest in bird watching activity.



  
HEAD  
Department of Zoology  
Dharatiya Mahavidyalaya  
AMRAVATI