



**Shri Shivaji Education Society Amravati's**  
**Shri Shivaji Science And Arts College, Chikhli**  
**Department of Zoology**  
**Annual Report 2025-26**

Department of Zoology conducted curricular, co-curricular and extra-curricular activities during the session 2025-26. A brief report is as follows\_

**Wildlife Week Celebration at State Level:**

Department of Zoology with Hindavi Research Center, Satara, Changu Kana Thakur Arts, Commerce and Science College, New Panvel, D.P. Bhosale College, Koregaon-Satara, Yashwantrao Chavan College of Science, Karad & Krishna Mahavidyalaya, Rethare -Satara in collaboration celebrated Wildlife Week at State Level. As a part of event we organized Article Writing Competition on Wildlife. Competition was organized on 4<sup>th</sup> October 2025. Competition organized through online mode articles were collected on mail ID: [wildlifeweek2025@gmail.com](mailto:wildlifeweek2025@gmail.com). Competition was open for all.

Total 57 participants from collaborative colleges sent article for competition. Participants wrote articles on various topics on wildlife viz: status of endangered species in Maharashtra. Effect of pollution on wildlife, Significance of wildlife...etc. such various and interesting topics made competition comprehensive.

**Referee for Competition** was Dr. Gajendra Nikam- Naturalist Buldhana.

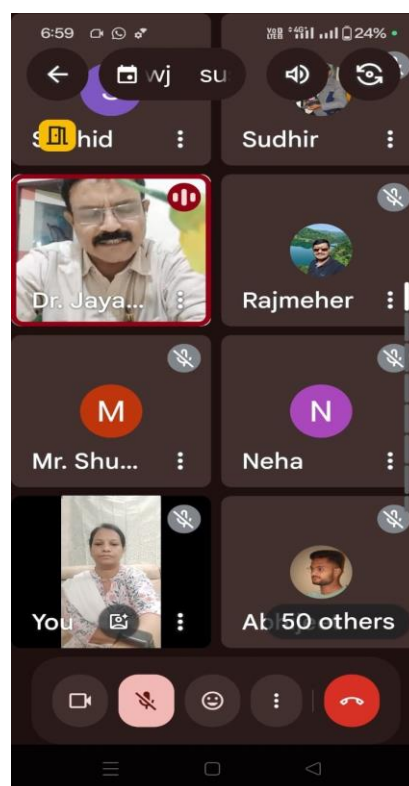
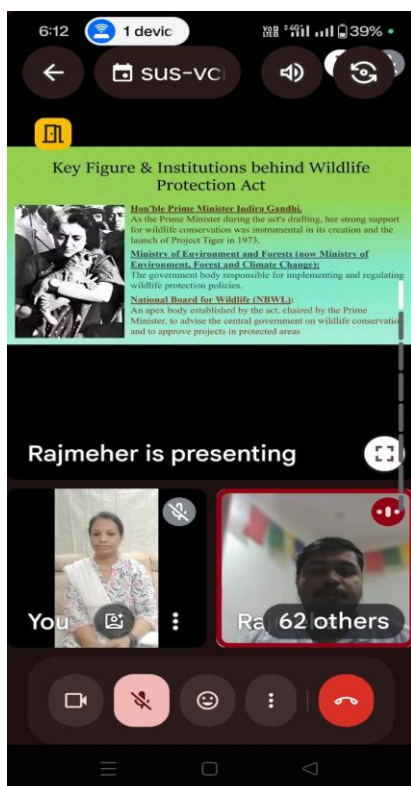
**Winners of the Competition:**

Prize	Name of Participant	Name of College/Institute	Topic
I <sup>st</sup> Rs. 3000 Cash & Certificate, Memento	Mr. Shivaji Tanaji Patil	Yashwantrao Chavan College, Halkarni, Di: Kolhapur	Climate Change and Its Impact on Animal Migration Patterns
II <sup>nd</sup> Rs. 2000 Cash & Certificate, Memento	Mr. Somesh Dilip Lodhe	Shri Shivaji Science And Arts College, Chikhli	बोथा जंगलातील अस्वलः प्रेरणादायी याशोगाथा
III <sup>rd</sup> Rs. 1000 Cash &	Ms. Yogita	Changu Kana Thakur College of Arts,	Diversity, Beauty and Importance of

Certificate, Memento	Rajesh Shetty	Commerce and Science, New Panvel. Di: Raigad	Wildlife in Nature
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Wildlife Week-2025 was celebrated through online mode with 6 other institutes in Maharashtra. Theme of the celebration was Connecting People with Wildlife which got huge response. On 4<sup>th</sup> October at the evening guest lecture was organized. Lecture was organized to raise awareness and to connect people with wildlife. A google meet platform was used for meeting and link was <https://meet.google.com/sus-vcms-rwj>

The program was chaired by Dr. Vijayshree Hemke Head- Department of Zoology. The theme of the lecture was “Details of Wildlife Act-1972”. Guest Speaker **Ad. Rajmeher Nishane**-a famous wildlife worker in Melghat and Amravati Region, emphasized on more awareness regarding Wildlife Act-1972 is required. Another Guest Speaker Famous Naturalist and Secretary of Wildlife and Environmental Conservation Society, Amravati (WECS) **Dr. Jayant Wadatkar** explained Role of tribal community to conserve wildlife in Melghat. During his talk he told many success stories of wildlife conservation role of conservation acts, Role of government, Tribes, role of Common Man and students to protect wildlife. The program received overwhelming response from students and staff of collaborative institutes.



### **Field Visit at Koradi (07.02.2026)**

The educational visit was organized in accordance with the Memorandum of Understanding between the Department of Zoology, Shri Shivaji Science and Arts College, Chikhli, and the Department of Fish Seedling Center, Koradi, under the Government of Maharashtra on **February 07, 2026**.

A total of **67** Zoology students of the Bachelor of Science program participated in this field visit. During the visit, the students explored various types of fish ponds, including nursery ponds, hatchery units, and fish seedling areas, while also gaining insights into the artificial breeding processes of fish. Additionally, they studied several fish species, such as Catla, Rohu, and Cyprinus. **Academic Enrichment:** Students successfully linked classroom concepts of "Induced Breeding" with real-world observations.



### **World Sparrow Day (24.03.2025)**

On the occasion of World Sparrow Day, the Department of Zoology has organized a training workshop on study of birds by using e-bird app on 24<sup>th</sup> March 2026. This activity was conducted under MoU in between Department of Zoology, Shri Shivaji Science And Arts College Chikhli and WECS Amravati. Workshop trainer Mr. Saurabh Kakde gave a detailed guidance to the students about e-Bird App in the first session and in the second session of the workshop, he demonstrated how to record the birds in the college premises on the e-Bird App. Total 62 students participated in the workshop



**Extension Activities:**

- 1 Department of Zoology conducted, “Blood Group Detection” of the college students.
- 2 Zoology Students regularly check the Haemoglobin percentage of college students as well as completed different projects related to Hb% among pregnant women in society.

**Best Practices**

**1 Study of Avian Fauna with eBird App**

**Aim:** To make students aware to understand global e-platform eBird App and motivate them to start observed and upload checklist of birds of Chikhli Region on eBird.

**The Practice:** During field study Zoology students made aware about eBird App.

On 24<sup>th</sup> March 2026 a Workshop on Training of eBird App was organized. Trainer was Mr. Saurabh Kakde. He gave detailed ideas about how to use eBird app to students. This app is worldwide use for studying bird. At first stage, students downloaded eBird Mobile App from Play store b) Set their preferences c) Downloaded and installed packs d) Started a checklist e) Selected a location f) Reviewed, Submitted and Shared Students submitted checklist of birds which are commonly found in premises.

**Evidence of success:** Zoology staff and students regularly enter the sightings on eBird App. Data available on eBird database.

**Research Activities**

Research Center in Zoology	Total Sanctioned Seats-08	Seats Engaged-08
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### Dr. Vijayshree Hemke

- 1) Ms. Diksha D. Salve and Mr. Yogesh V. Giri submitted their thesis under the supervision of Dr. V. M. Hemke
- 2) Mr. Premraj P. Ware & Ms. Sampada S. Joshi pursuing PhD under the supervision of Dr. V. M. Hemke
- 3) Mr. S. D. Lodhe enrolled for course work-PhD program.

### Dr. R. B. Gade

- 1). Dr. R. B. Gade received recognition as a PhD supervisor, Sant Gadge Baba Amravati University

### Dr. M. T. Nikam

- 1) Mr. Sandip Nagmote awarded PhD by Sant Gadge Baba Amravati University, Amravati under the supervision of Dr. M. T. Nikam.
- 2) Ms. Roshana Hushare submitted her thesis.
- 3) Ms. Heena Khan & Ms. Swati Nalinde pursuing PhD under the supervision of Dr. Nikam.

### Research Publications:

Sr. No.	Research Paper published/presented
Dr. Vijayshree Hemke	<b>Published Book (As an Editor)</b> Evolutionary Thought- Evolution, Biodiversity and Conservation. ISBN No. 978-81-995873-0-4
	<b>Published Book (As an Editor):</b> Sustainable Fisheries and Aquatic Life ISBN No. 978-81-992962-9-9.
	<b>Published Book: (As an Author)</b> <b>A Textbook of Advance Tools And Techniques in Biology</b> ISBN:978-81-992962-8-2
	<b>Published Book: (As an Author)</b> <b>Biotoools Lab Manual</b> ISBN:978-81-990147-2-5
	<b>Book Chapter:</b> Evolutionary Biology of Insects Book Name: Evolutionary Thought-Evolution, Biodiversity and Conservation. PP 117-124. ISBN No. 978-81-995873-0-4

<b>Mr. Somesh Lodhe</b> CHB Teacher & Research Student	<b>Published Book Chapter:</b> The Sloth Bear of Dnyanganga Wildlife Sanctuary. Book Name: VanVishwa-The Living World of Indian Wildlife .ISBN No. 978-81-992962-1-3 pp 98-107
<b>Yogesh V. Giri</b> Research Student	<b>Published Research Paper:</b> Diversity and Relative Abundance of Insect Pollinators in <i>Sorghum Bicolor</i> L Agrofield at Latur District of Maharashtra State <i>Bioinfolet</i> Vol-22 Issue-03, 2025: pp 258-266
<b>Diksha Salve</b> Research Student	<b>Published Research Paper:</b> A Taxonomic study on potter wasps of the genus <i>Eumenes latreille</i> , 1802 (Hymenoptera: Vespidae <i>Eumeninae</i> ) of Buldhana District, Maharashtra <i>Acta Entomology and Zoology</i> Vol 06 Issue 02 2025, pp 178-183
	<b>Published Research Paper</b> taxonomic study on potter wasps of the Genus <i>Delta</i> de Saussure, 1885 (Hymenoptera: Vespidae: <i>Eumeninae</i> ) of Buldhana District, Maharashtra <i>International journal of Advanced Research in Science, communication and Technology</i> Vol 5 Issue 1: 2025; pp 168-180
<b>Mr. Mr. Somesh Lodhe &amp; Mr. Premraj Ware</b> Research Student	<b>Published Research Paper</b> A Preliminary Checklist of Entomo Faunas from Shivaji College Campus, Chikhli, Dist. Buldhana. Gurukul International Multidisciplinary Research Journal Issue–V, Volume–XIII 2025 pp 297-302
<b>Ms. Sampada Joshi</b> Research Student	<b>Published Research Paper in Proceeding:</b> Artificial Intelligence for Sustainable features: Exploring AI driven applications in Environmental Science <i>Power of Knowledge</i> Vol-I Special Issue March 2026 PP 285-291


### Student Achievements

1. Ms. Pooja Sanjay Dandge stood 10<sup>th</sup> University Merit in BSc Summer-2025.  
She is First in Zoology subject at college level and bagged Gold Medal in Zoology.
2. Ms. Purva Sachin Padghan stood 1<sup>st</sup> in Zoology among BSc-I<sup>st</sup> students and bagged Late Ramakantji S. Dhundale Award.
3. Ms. Pranjali Digambar Dhokane stood 1<sup>st</sup> in Zoology among BSc-II<sup>nd</sup> students and bagged Late Sudhatai W. Hemke Award.

## Teachers Achievements

### Dr. Vijayshree M. Hemke

- Worked as a chairperson for Oral Paper Presentation and Poster Presentation On 19<sup>th</sup> Feb 2026 An International Conference at Kisan Veer Mahavidyalay, Wai-Satara in Collaboration with Aerogel Research Center Yonsei University, South Korea was organized.
- Worked as a Rapporteur in 2 days National Level Conference organized by MHRD, Govt. of India Commission for Scientific and Technical Terminology New Delhi in Collaboration with Saibaba Arts And Science College, Parshivani-Nagpur Theme was Importance of Scientific Terminology.
- Worked as a University Subject Expert of the Screening Cum Evaluation Committee for the placement of Mr. P. R. Thakare, Assistant Professor in Zoology from AL-10 to AL-11 and Dr. M. D. Gaikwad, Banmeru College, Lonar from AL-11 to AL-12
- Working as a Criterion Coordinator for “Criterion-I Curricular Aspects” of NAAC.
- Working as a Coordinator for NIRF 2026 and Shikshan Mahrshi Dr. Panjabrao Deshmukh Jayantiutsav-2025.
- Wrote articles on Environmental Awareness in शिवसंस्था. Articles on various topics are published in June-2025, Aug-2025, Nov-2025 and March 2026.

  
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