



National Symposium on  
**Diversity of Animal Life**  
(NSDAL - 2024)

12<sup>th</sup> & 13<sup>th</sup> JANUARY 2024

Organised by

The Department of Zoology

*Bhartiya Shikshan Sanstha's*

Shri Dnyanesh Mahavidyalaya,

Nawargaon, Dist. Chandrapur - 441223

(Affiliated to Gondwana University, Gadchiroli)

NAAC Reaccredited 'A' grade (CGPA- 3.07)





## INVITATION

It gives us great pleasure to cordially invite you to participate in the "National Symposium on Diversity of Animal Life (NSDAL-2024)" to be organised by the Department of Zoology, Shri Dnyanesh Mahavidyalaya, Nawargaon, Dist. Chandrapur on 12<sup>th</sup> & 13<sup>th</sup> January 2024.

## THE THEME

The world is home to an astonishing variety of living organisms and among them, animals exhibit an exceptional range of shapes, sizes, behaviours and adaptations. From tiny insects to massive whales, from swift birds to crawling reptiles, the diversity of animal life is truly remarkable. Exploring and understanding this diversity is a fundamental pursuit of biology, as it provides insights into the intricate web of life on our planet.

- **Animal Anatomy, Histology and Physiology:** These studies form the backbone of Zoology as they examine the various parts, organs, and systems that make up an animal's body and understanding their functions. It can be studied at gross, microscopic and ultramicroscopic, cellular and Molecular level. By combining knowledge from these different branches, scientists and researchers gain a comprehensive understanding of the morphology, structure, and histology and physiology of animals.

This knowledge is crucial for various fields, including veterinary medicine, zoology, evolutionary biology, and biomedical research.

- **Evolution and Adaptation:** The diversity of animal life is a product of millions of years of evolution. Through the processes of natural selection and genetic variation, animals have adapted to occupy various ecological niches. They have developed specialized structures, behaviours, and physiological mechanisms that enable them to survive and thrive in their respective habitats.
- **Taxonomy and Classification:** Taxonomy is the science of identifying, naming, and classifying organisms based on their shared characteristics. The hierarchical classification system helps in understanding the relationships between different animal groups and their evolutionary connections.
- **Ecological Roles and Interactions:** The diverse animal life on Earth plays crucial ecological roles and engages in intricate interactions within ecosystems. Animals occupy various niches as predators, prey, pollinators, seed dispersers, decomposers, and more. Understanding the diversity of animal life helps us comprehend the complex ecological relationships and dependencies that exist within ecosystems. The disappearance of certain animal species can have cascading effects on entire ecosystems, emphasizing the importance of preserving biodiversity.
- **Conservation and Preservation:** The study of animal diversity is closely tied to conservation efforts and the preservation of threatened and endangered species. By understanding the

## ABOUT THE INSTITUTION

Shri Dnyanesh Mahavidyalaya, Nawargaon was established in 1968 in the rural area of Chandrapur district. The college is surrounded by dense forest in the buffer zone of TATR (Tadoba Andhari Tiger Reserved). It is managed by the Bhartiya Shikshan Sanstha, Nawargaon. This organization has been rendering valuable services in the field of education to the residents of Nawargaon and the nearby regions for the past 73 years. The foundation stone of the institution was laid by Late Shri Balaji Patil Borkar, the renowned social reformer in this region.

This 'grant-in-aid' institution is affiliated to Gondwana University, Gadchiroli and has been reaccredited with 'A' grade (CGPA- 3.07). The college has completed 55 years of services and is recognized under section 2f and 12B of UGC Act. The institution started with Arts and Commerce streams and the Science faculty was introduced in 1985 with UG programme in Chemistry, Physics, Zoology, Botany, Mathematics and Computer Science. The institution also runs post-graduate programmes in Chemistry, Zoology, Botany, Physics, Economics, History, Political Science and Sociology. It has been recently recognised as a research centre in Zoology. The department of Zoology also runs career oriented one year certificate courses in Vermiculture and Honey Production.

## LOCATION

Nawargaon is located in Sindewahi taluka, Chandrapur district of Maharashtra state, India. It is at a distance of 91 km (North) from Chandrapur, and 130 km (East) from Nagpur.

## REGISTRATION

### Registration Fees

Delegate	Rs. 500/- (Participation in the Symposium only)
Student	Rs. 300/- (Participation in the Symposium only)
Student	Rs. 650/- (Participation in the Symposium and Study tour / Workshop)

## CALL FOR PAPER

Research paper are invited on the above mention sub-themes. The full text paper should be typed in MS-Word, Times New Roman font 12, 1.5 spacing, A4 size format and should include the title of paper, name of author/authors, affiliation, address, email and should not exceed 2500 words. Selected paper will be published in International Journal of Entomology Research (Indexed in Web of Science)

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## SUB THEMES

ecological requirements and vulnerabilities of different animals, scientists and conservationists can develop strategies to protect their habitats, mitigate human impacts, and promote biodiversity conservation. This helps to work towards preserving the fragile balance of nature.

- **Environmental and Toxicological Research:** Animals are used to assess the impact of various substances (pesticides, plastic heavy metals etc.) and environmental factors on living organisms and ecosystems. These studies help identify potential hazards, evaluate risks, and develop strategies for environmental protection and conservation.

This symposium has been organised to understanding the diversity of animal life which is a fascinating and critical area of scientific inquiry. By exploring the, anatomy, histology physiology, taxonomy, ecological roles, and interactions of animals, we gain insights into the complex web of life on Earth. This gathering will also highlight the need for conservation efforts to protect the incredible variety of species that contribute to the health and resilience of our planet's ecosystems. As we continue to explore and learn about animal, we deepen our appreciation for the wonders of nature and our responsibility to safeguard it for future generations.

- Agriculture Science
- Animal diversity
- Applied Zoology
- Biodiversity
- Conservation
- Entomology
- Environmental Science
- Fisheries
- Forest ecology
- Herpetology
- Physiology
- Taxonomy
- Toxicology

## STUDY TOUR

The next day of the symposium (13<sup>th</sup> January 2024) a study tour/workshop has been arranged for **PG students** around the waterbodies of Ghodazari lake. The seats are limited and will be registered on "First come, first- served" basis.

**Send Article in MS Word file format**

**Publication Fee : 2000 INR**

**Format of Article**

**Title**

**Author Names (Maximum 5)**

**Author Details (Author Name, Designation, Department, College, State,**

**Country,**

**Phone Number, E-mail)**

**Abstract**

**Keywords**

**Introduction**

**Material and Methods**

**Conclusion**

**References (Maximum 50)**

**References:** The reference number should follow the following format.

**For Journals Format:** Authors Name (surname initials). Title of the article.

**Journal name, Volume number, Issue number, Year of publication, Pages number.**

**Example:**

**Bogduk N, Bartsch T, Silberstein S, Lipton R, Dodick D. Clinical Evaluation of Cervicogenic Headache: A clinical perspective. International Journal of Multidisciplinary Research and Development, 16(2), 2008, 73-80.**

**Only posters will be presented during the symposium.** Abstracts of the poster to be presented should reach the Convener before **5<sup>th</sup> January 2024.** Electronic copy of the abstract (not be more than 300 words) should include the title; name(s) of the author(s); address(es) and E-mail of the corresponding author. The abstract of poster and full paper for publication should be sent to **nsdal2024@gmail.com**

**REGISTRATION & PAYMENT**

**Registration link** <https://forms.gle/UBc2cQjVzA6Gi39K7>

**Mode of Payment**

The fees should be deposited through "On-line payment" in the account of Prof. Umesh Indurkar

Bank Name – Bank of India

Branch - Nawargaon

Account No - 961310100009073

IFSC Code - BKID0009613

Or scan this code for payment

 umesh indurkar



UPI ID: dr.indurkar26-1@okate

Scan to pay with any UPI app



## PROGRAMME SCHEDULE

## LOCAL ORGANISING COMMITTEE

Day 1	Day 2
<b>12<sup>th</sup> January 2024</b>	<b>13<sup>th</sup> January 2024</b>
9.00 am- Registration & Breakfast	Field trip & Workshop on
10.00 am- Inauguration & Key note	biodiversity (for registered
11.20 am - Tea break	students only)
11.30 am -Technical session I	7.00 am to 8.00 am- Break fast
12.30 pm- Technical session II	9.00 am to 12.30 pm – Field Survey
2.00 pm to 2.30 pm - Lunch break	around Ghodazari lake
2.30 pm technical session III	1.00 pm – Lunch
3.00pm Poster presentation	Post Lunch Feedback and
<b>3.30 pm Valedictory function &amp; Prize distribution</b>	Comments

### CONVENER

#### NSDAL-2024

Department of Zoology,  
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Email: [nsdal2024@gmail.com](mailto:nsdal2024@gmail.com)

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4. Dr. R. R. Kamdi
5. Dr. R. V. Tijare
6. Dr. A. M. Chilke
7. Dr. G. D. Deshmukh
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11. Dr. N. V. Harney
12. Dr. L. H. Rohankar
13. Dr. J. N. Papadkar
14. Dr. D. S. Bansod
15. Dr. P. R. Chavhan
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18. Dr. I. R. Mithani
19. Dr. A. S. Deshpande
20. Prof. P. G. Ghargargunde
21. Dr. S. S. Bachar
22. Dr. S. D. Gubbawar
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24. Prof. S. V. Pusala
25. Dr. S. R. Sheikh
26. Dr. A. W. Chavhan
27. Prof. S. S. Bharadwaj

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10. Dr. G. K. Wallia, Punjab
11. Dr. Manu Thomas, Tamil Nadu
12. Dr. Naresh Vyas, Rajasthan

### CHIEF PATRONS

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President, Bhartiya Shikshan Sanstha, Nawargaon,

Hon'ble Shri SADANAND P. BORKAR  
Secretary, Bhartiya Shikshan Sanstha, Nawargaon.

### PATRON

Dr. SURESH B. BAKARE  
Principal, Shri Dnyanesh Mahavidyalaya, Nawargaon.

### INAUGURATOR

HON'BLE Dr. PRASHANT S. BOKARE  
Vice Chancellor, Gondwana University, Gadchiroli.

### GUEST OF HONOUR

Prof. D. B. TEMBHARE  
Ex Head, Department of Zoology  
RTM, Nagpur University, Nagpur.

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Dr. A. Z. CHITADE  
Dean, Faculty of Science and Technology, Gondwana University,  
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