



VIDYA VIKAS SHIKSHAN SANSTHA, JHANGAHI

VIDYA VIKAS ART'S, COMMERCE & SCIENCE COLLEGE,
SAMUDRAPUR, DIST. WARDHA 442305 (M.S.)

(Affiliated to Rashtrasant Tukdoji Maharaj Nagpur University, Nagpur.)

NAAC Reaccredited B++ (CGPA: 2.8)

Programme Report

- ❖ **Name of Program / Event :** Bridge course
- ❖ **Name of the Organizing Department :** P.G. Department of Zoology
- ❖ **Date, Venue, Time/ Duration :** 22/08/2024 to 04/09/2024
- ❖ **Number of participated students :** 21
- ❖ **Name of the Speaker :** Dr. M. S. Ambatkar, Dr. A.M.Bhende,
Mr. Vaibhav Kalambe, Miss. Nikita Deotale.

❖ **Introduction of the event:**

The transition from undergraduate to postgraduate studies can be challenging, particularly in a subject as diverse and complex as Zoology. To help students make this transition smoother, a bridge course has been designed for M.Sc. Zoology students. This course serves as an essential foundation, aiming to bridge the gap between the foundational knowledge gained during undergraduate studies and the advanced topics covered in the master's program. Zoology, being a multidisciplinary field, encompasses areas such as animal biology, ecology, genetics, evolution, physiology, and conservation. The bridge course introduces and revisits key concepts from these areas, ensuring that students are well-prepared for the more specialized and in-depth studies they will encounter in their postgraduate curriculum. It also emphasizes critical thinking, scientific research methodologies, and laboratory techniques that are crucial for higher-level studies and research work. In addition, the course is designed to foster a deeper understanding of theoretical and practical aspects, enhance problem-solving skills, and stimulate a passion for research and innovation in the field of Zoology. By the end of the bridge course, students will be better equipped to tackle the academic challenges of their M.Sc. program and pursue further research with confidence.

Objective of the event:-

- ❖ **Reinforcement of Basic Concepts:** Revisit and strengthen foundational concepts in zoology, such as animal diversity, evolution, genetics, ecology, and physiology, to ensure a strong knowledge base for advanced studies.
- ❖ **Skill Development:** Equip students with essential laboratory skills, research methodologies, and critical thinking abilities required for experimental and fieldwork in zoology.
- ❖ **Research Orientation:** Familiarize students with the principles of scientific inquiry, research design, data analysis, and literature review, laying the groundwork for their dissertation or research projects.
- ❖ **Problem-Solving and Analytical Skills:** Enhance students' ability to apply zoological concepts in problem-solving and analytical tasks, preparing them for higher-order thinking in complex topics and real-world scenarios.

Outcome:

- ✓ **Strengthened Foundational Knowledge*:** Students will have a solid grasp of fundamental zoological concepts, ensuring they are ready to engage with more advanced topics in the M.Sc. curriculum.
- ✓ **Improved Laboratory and Research Skills:** Students will be proficient in basic laboratory techniques and research methodologies, enabling them to carry out experiments, fieldwork, and data analysis with confidence.
- ✓ **Readiness for Advanced Zoology Studies*:** Students will be better equipped to understand and engage with advanced topics such as molecular biology, evolutionary biology, bioinformatics, and ecological conservation.

Name and Sign of event in charge

Dr. M. S. Ambatkar

Dr. A. M. Bhende -

Mr. Vaibhav Kalambe -

Miss. Nikita Dotala -

Principal

Dr. K. G. Rewatkar
Principal

Vidya Vikas Arts Commerce
& Science College, Samudrapur
Dist. Wardh. 442305

Date:- 04/09/2024

Place:- Samudrapur