

Department of Zoology Bridge Course

A **bridging course** is a university-preparation **course** with an academic curriculum that is offered to mature students as a means of preparing for the intellectual challenges of a university education, successful completion of which is recognized as a basis of admission to the University. **Bridge courses** are a tool to help students succeed in their graduate level studies.

Necessity-It is primarily offered courses to students who need to improve their understanding in subjects that relate to particular study programmes. **Bridging courses** are short, focused learning programmes designed to help high school students to enter in higher education institutions. They will also be taught the connection between writing and thinking and how to use writing and reading for inquiry, learning, thinking, and communicate in specific situations. They will be required to produce competent, professional writing through planning, drafting, revising, and editing.

Aim and Objectives- The **objective** of the **Bridge course** is to explain what is expected of students in Pre-University-level **classes** and to provide adequate foundation in the basic applied science subjects and English limited to moderate level so that students do not face any difficulty when the **classes** begin.

Duration- 6 days (before initiation of actual university syllabus)

Time- One Hour /day

Syllabus-

Unit 1:

Systematic and binomial system of nomenclature: meaning of the terms taxonomy, Need of classification. Basis of classification, Nomenclature, Systematic position, Kingdom, Phyla (Protozoa, Porifera, Coelenterata, Platyhelminthes, Aschelminthes, Annelida, Arthropoda, Mollusca, Echinodermata, Hemichordata and Chordata)

Unit 2:

Cell Biology: *Origin and Historical background, Basic unit of Life, Postulated Theories, Classification of cell types, Bacteria, Archae (Prokaryotic) and Eukaryotic cells and their similarities and differences.*

Report 2021-22

The Bridge course was conducted for first year students (Zoology). The main objectives of bridge course is to provide basic concepts about subject and about semester pattern of undergraduate syllabus. Bridge course has produced awareness amongst students about teaching learning effectively. All bridge course session were interactive so that student becomes comfortable. Our department conducted a bridge course at dated **21st October to 28th October, 2021**. All the Newly admitted students of 1st year attended this bridge course. The faculty member Dr. Sanyogita R. Verma, Mr. Hemant B. Parchake and Mr. Tilak Dhoble have successfully completed and concluded Bridge Course satisfactorily.

Professor & Head
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