

GOVT.V.Y.T. PG AUTONOMOUS COLLEGE, DURG (CG)

SESSION 2025-26

FOR 4YR UG (B.SC) PROGRAM WITH ZOOLOGY

SKILL ENHANCEMENT COURSE

SEMESTER-I, Course Code – SEC01

GOOD LABORATORY PRACTICES IN ZOOLOGY

Max. Marks:25

Min. marks: 10

- General Safety Guidelines
- Laboratory outfit
- Handling of hazardous chemicals
- Safe usages of equipments
- Cleaning and drying of glassware
- Cleaning and drying of plasticware
- Sterilization of lab wares
- Preparation of solutions: Molar, Molal and Normal solution
- Preparation of stock solution and dilution series.
- Maintenance and calibration of Instruments (pH meter, Centrifuge and Spectrophotometer)

Course Outcome:

After successful completion of the course, students are expected to be able to:

CO1: understand about the laboratory safety rules

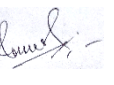
CO2: get the knowledge about laboratory ethics

CO3: develop skill of maintaining a safe laboratory

CO4: Explain the basic principles of laboratory instruments.

The syllabus for skill enhancement course on Good Laboratory Practices in Zoology is hereby approved for the Session 2022-23

Name and Signatures

Chairperson /H.O.D	Departmental members
University Nominee 	1.
Subject Expert 	2.
Subject Expert 	3.
Representative from Industry/entrepreneur 	4.
Student representative 	5.
Other Prof. from Science faculty	6.
	7.
	8.

GOVT.V.Y.T. PG AUTONOMOUS COLLEGE, DURG (CG)
FOR 4YR UG (B.SC) PROGRAM WITH ZOOLOGY
SKILL ENHANCEMENT COURSE
SEMESTER-I, SESSION 2025-26
Lab. Demonstration, Course Code – SECL01
GOOD LABORATORY PRACTICES IN ZOOLOGY

Max. Marks:25

Min. marks: 10

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|--|----|
| • Cleaning and drying of glassware | 05 |
| • Cleaning and drying of plasticware | 05 |
| • Sterilization of lab wares | 05 |
| • Preparation of solutions: Molar, Molal and Normal solution | 05 |
| • Preparation of dilution series | 05 |

Course Outcome:

After successful completion of the course, students are expected to be able to:

CO1: Get acquainted with knowledge about laboratory safety rules.

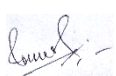
CO2: Understand the protocols of laboratory ethics

CO3: Develop skill to operate and maintain the sophisticated instruments.

CO4: Explain the basic principles and applications of the lab. Equipment.

The syllabus for skill enhancement Lab. course on Good Laboratory Practices in Zoology is hereby approved for the Session 2022-23

Name and Signatures

Chairperson /H.O.D University Nominee  Subject Expert  Subject Expert  Representative from Industry/entrepreneur  Student representative  Other Prof. from Science faculty 	Departmental members 1. 2..... 3. 4. 5. 6..... 7. 8.....
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