

## RESEARCH METHODOLOGY AND BIOSTATISTICS AND ENVIRONMENTAL BIOTECHNOLOGY

Semester	Subject Code	Category	Lecture	Theory	Practical		Credits
IV	21CPBT43	Core Practical - VI	0	0	4 hrs per week	120	4

### COURSE OBJECTIVES

To create an opportunity to students for experimentally testing the principles and concepts studied in respective theory.

### LIST OF EXPERIMENTS

1. Plagiarism Checking Software tools
2. Scientific Writing
3. Survey methods
4. Qualitative research
5. Calculate the Neem leaves- mean and median
6. Calculate the Neem leaves-standard deviation
7. Determination of Total Solids, Total Dissolved Solids and Total Suspended Solids in Water
8. Estimation of Total Dissolved Oxygen concentration in Water
9. Estimation of BOD of Water
10. Estimation of COD of Water
11. Isolation of Xenobiotic degrading bacteria

### Syllabus Designer:

- Dr. J. Ilamathi Assistant Professor
- Dr. D. Charumathi Assistant Professor