

BCC 207- T RESEARCH METHODOLOGY [T]

Course Credit : 1

Contact Hours : 15

1. Biosafety in laboratory
2. Ethics in research
3. Defining the problem
4. Literature survey
5. Defining the Aims and Objectives
6. Work Plan – Time-bound Frame
7. Research design
8. Experimental protocol
9. Presentation of data
10. Analysis and Conclusions
11. Presentations
12. Research manuscript writing
13. Thesis Writing
14. Viva Voce

BCC 207-PRESEARCH METHODOLOGY [P]

Practical Course Credit : 1

Contact Hours : 30

1. Literature survey on a given research area.
2. Defining a research problem.
3. Designing an experiment with respect to a given objective.
4. Experimental work.
5. Presentation of data.
6. Technical writing.

Reference Books (Composite list for theory and practicals)

1. Kothari, C. R., Research Methodology methods and techniques. New Age Internat
2. Kumar, R. C., Research Methodology. APH Publ Corporation, New Delhi.
3. Good C. V.&Douglas E., Methods of Research
4. Day R.A. How to write a scientific paper. Cambridge University Press.
5. Alley&Prentice M. N.N. ,The craft of scientific writing.
6. Cooray, P.G., Guide to scientific and technical writing.