

(B. Pharm)
(Semester-I)

L	T	P	C
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Course Code	BP112RBP
Course Title	Remedial Biology - Practical

Syllabus:

Total hours: 30 Hours

1. Introduction to experiments in biology
 - a) Study of Microscope
 - b) Section cutting techniques
 - c) Mounting and staining
 - d) Permanent slide preparation
2. Study of cell and its inclusions
3. Study of stem, root, leaf, seed, fruit, flower and their modifications
4. Detailed study of frog by using computer models
5. Microscopic study and identification of tissues pertinent to stem, root, leaf, seed, fruit and flower
6. Identification of bones
7. Determination of blood group
8. Determination of blood pressure
9. Determination of tidal volume

Suggested Readings[^]: (Latest edition)

1. Kale, S.R. & Kale, R.R. Practical Human Anatomy and Physiology
2. Gokhale, S.B. Kokate, C.K. & Shriwastava S.P. A Manual of Pharmaceutical Biology Practical
3. Shafi, M.J.H. Biology Practical Manual according to National Core Curriculum. Biology Forum of Karnataka.

L= Lecture, T= Tutorial, P= Practical, C= Credit

[^] this is not an exhaustive list