

**DEPARTMENT OF MICROBIOLOGY
S.P. PUNE UNIVERSITY**

Ph.D. Microbiology Course Work: Effective from 2010

Total Credits: 20

Total Number of Units/Papers: 4 (Each paper of 5 credits)

Paper I: Research Methodology

- 1)3 credits
A) Writing Research Papers
B) Writing Research Grants
- 2) Communication Skills.....2 credits
A) Writing Skills in English
B) Presentation Skills

Paper II: Any One of the following:.....5 credits

- A) Mathematics and Biostatistics
B) Physics and Chemistry: Refreshing essential concepts for Biologists

Paper III: Data Analysis and Interpretation Skills.....5 credits

Paper IV: Review writing and Seminars

- A) Review.....2 credits
B) Seminars: At least three research papers presentation....3 credits

NB:

- i. All papers are compulsory
- ii. Each paper carries 100 marks, of which 50 assigned for internal assessment and 50 for term end examination.
- iii. The A component of paper IV will be looked after by respective supervisor. Rest of the assessment will be coordinated by the Head of the Department/Director.
- iv. Passing for each paper is 50% (Separate for internal and term end examination).
- v. The Head/Director will communicate the result to the Post-graduate section.