

FACULTY OF LIFE SCIENCES

SYLLABUS

FOR

Interdisciplinary Course Zoology (UG)

(Under Credit Based Continuous Evaluation Grading System)

Examinations: 2016-17



GURU NANAK DEV UNIVERSITY AMRITSAR

- Note:**
- (i) Copy rights are reserved.
Nobody is allowed to print it in any form.
Defaulters will be prosecuted.**
 - (ii) Subject to change in the syllabi at any time.
Please visit the University website time to time.**

ZOL 001: Animal Diversity (Odd Semester)**Credit 3-0-0****Unit – I****Invertebrates**

Broad Classification (upto class level)

Important features

Unit – II**Lower Chordates**

Broad Classification (upto class level)

Important features

Unit – III**Vertebrates**

Broad Classification (upto class level)

Important features

Suggested Reading Material:

1. Barnes, R. D. (1980), The Invertebrate Zoology, Holt-Saunders, Philadelphia, 4th Ed.
2. Dhama, P. S. and Dhama, J. K. (1988), Invertebrates Zoology, R. Chand & Company, New Delhi.
3. Dhama, P.S. and Dhama, J. K. (1994), A Text Book of Zoology, Pradeep Publications, Jalandhar.
4. Kotpal, R. L. (2011). Modern Text Books of Zoology: Invertebrates & Vertebrates, Rastogi Publications, Meerut.
5. Meglith, P. (1972), Invertebrate Zoology, Oxford Uni. Press, New York.
6. Prasad, S. N. (1970), A Text Book of Vertebrate Zoology. Kitab Mahal, Allahabad.

ZOL -002: Important Wildlife Projects in India (Even Semester)**Credit 3-0-0****Unit –I**

1. Important wildlife sanctuaries and national parks in India
2. Ecological status and conservation status of the following :
 - i) Project Tiger
 - ii) Asiatic Lion & Gir National Park

Unit-II

3. Ecological status and conservation status of the following :
 - iii) Project Elephant
 - iv) Project Hangul
 - v) Manipur Brow Antler Deer
 - vi) Crocodile breeding project

Unit-III

4. Ecological status and conservation status of the following :
 - vii) One horned rhinoceros
 - viii) Musk deer
 - ix) Great Indian Bustard

Suggested Reading Material:

1. Dasmann, R. F. (1982), Wildlife Biology, Wiley Eastern, New Delhi.
2. Giles, R. H. (1984), Wildlife Management Techniques, Natraj Publishers, Dehradun.
3. Gopal, R. (1992), Fundamental of Wildlife Management Justice Home, Allahabad.
4. Hosetti, B. B. (1997), Concepts in Wildlife Management, Chawla Press, Delhi.
5. Sharma, B. D. (1994), High Altitude Wildlife of India, Oxford IBH, New Delhi.
6. Sharma, B.D. (1999), Indian Wild Life Resources Ecology and Development. Daya Publishing House, Delhi.
7. Sharma, B.D. (2002), Man Environment and Wildlife animal. IBH Publishing Co., Pvt . Ltd. New Delhi.
8. Sharma, P. D Ecology and Environment, BPR Publishers
9. Singh, H. R. Environmental Biology. S. Chand and Company Limited.
10. Teague, R. D. (1987), A Manual of Wildlife Conservation, Natraj Publishers, Dehradun.
11. Tirvedi, P.R. and Singh, U. K. (1996), Environmental Laws of Wildlife.