

WILDLIFE MANAGEMENT AND CONSERVATION – CERTIFICATE COURSE (2020-2021)

TITLE:	Wildlife Management and Conservation
COURSE DIRECTOR:	Avinash Krishnan - <i>M.Sc Wildlife Management and Conservation (United Kingdom)</i> - Sr. Research Officer, A Rocha India (International NGO) Email: avinash.krishnan@arocha.org
DEPARTMENT OF THE COURSE:	Zoology
HOURS:	60hrs (2 credits)
COURSE FEE:	3500 INR
INTERNAL COORDINATOR:	Dr. M Jayashankar (Department of Zoology)
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SALIENT FEATURES OF COURSE:

- Introduction to wildlife management and conservation with emphasis on national and global approaches.
- Wildlife ecology and behaviour assessments focussing on human-wildlife interactions in multiple-use areas.
- Grass-roots engagement on conservation models, field methods in assessment of wildlife populations and mitigation of threats for wildlife.

SYLLABUS

THEORY	1. Wildlife Ecology: Basic concepts on large mammal biology, behaviour, habitat distribution and feeding 2. Survey Methods: Assessment techniques in estimating wildlife populations, study designs and analytical tools. 3. Conservation: Policy and advocacy studies in drafting conservation, management plans for protected areas, legal implications on wildlife trade and wildlife content writing. 4. Content writing and references: Exposure to drafting wildlife research proposals, article and publishing techniques. 5. Short talks and presentations: Training on delivering wildlife talks, presentation skills and interaction skills with different stakeholders.
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PRACTICAL	<ol style="list-style-type: none">1. Study on human-wildlife interactions and its management through involved stakeholders.2. Methods for monitoring wildlife use of camera-traps, early warning systems for conflict mitigation and biodiversity survey tools.3. Understanding wildlife corridors and conduction field assessments to establish functionality and mobility.4. Scientific writing and data analysis tools.5. Exposure visit to <i>ex-situ</i> and <i>in-situ</i> conservation sites and interaction with subject matter experts.6. Community based conservation models for landscapes, literature review and scientific publication approaches.
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NOTE:

1. All students are expected to produce a short research project coupled with an in-person talk to concerned stakeholders.
2. Students will be lodged at the A Rocha India Field Study Centre, adjoining the Bannerghatta NP for practical coursework.
3. Students are expected to possess a basic camera, laptop (with MS Office) , binoculars and GPS (optional)