

DEPARTMENT OF ZOOLOGY
NOWGONG GIRLS' COLLEGE
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Certificate course
On
“ BASICS OF ORNITHOLOGY ”

Coordinator

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Department of Zoology

Nowgong Girls' College

CURRICULUM ASPECT

Certificate course: Basics of Ornithology

- **COURSE CODE**
- **TOTAL PROGRAMME DURATION**
- **OBJECTIVES OF THE COURSE**
- **COURSE OUTCOME**
- **ELIGIBILITY**
- **COURSE FEES**
- **COURSE COORDINATOR**
- **SYLLABUS**
- **LIST OF STUDENTS**

**Department of Zoology
Nowgong Girls' College**

Certificate course on Basics of Ornithology

Course code: ZCO

Total Programme Duration: 30 Days

Objectives of the course:

- Enable students to know about birds.
- To know about behaviour of birds.
- To know about bird watching.
- To know about basics of bird photography.

Course Outcome:

- Gain knowledge to identify the different species of Birds.
- Photography knowledge.
- Bird watching ethics.

Eligibility: 12th Passed

SLLABUS:

Unit-I Introduction:

- Introduction to Ornithology,
- Classification of Birds
- Importance of birds

Unit-II Breeding Biology

- Territoriality, Nesting, Eggs, Incubation and care for the young,
- Brood parasitism.

Unit III Birds Behaviour:

- Flying, Walking, Eating, Perching on trees or wires, Drinking water, Singing, Nesting, Preening, Moulting, Bathing, Dust bath, Flocking, Roosting etc

Unit IV Bird Watching

- General Instruction of Bird Watching, Bird Counting/ Census
- Identification of Birds, Calls and songs.
- Equipment for Bird Watching.
- Ethics of Bird watching.

Unit-V Bird Photography:

- Understanding Camera basics & lenses & light conditions.
- Photographing- water bird, Small perching birds, Birds in Dark Forest, Waders, Birds in urban setting, etc.

References:

1. Ali, S. and Ripley, S. D. (1987). A Compact Handbook of the Birds of India and Pakistan, Second Edition. Oxford University Press, Delhi.
2. Choudhury, A. U. (2000). The Birds of Assam. Guwahati Gibbon Books and World Wide Funds for Nature.
3. Grimmett R, Inskipp C, Inskipp T. (2011). Birds of the Indian Subcontinent (2nd ED). Oxford University Press: United Kingdom.
4. Lovette I.J. and Fitzpatrick J.W. (2016). The Cornell Lab of Ornithology Handbook of Bird Biology (third edition). John Wiley & Sons, West Sussex, UK.