

## Report of Add on course

- 1. Name of the course:** Basic Knowledge of Wild Life Photography
- 2. Department offering this course:** Department of Zoology
- 3. Date of commencement:** 01/03/2024
- 4. Name of the Course coordinator:** Koushik Sarkar and Sulagna Mukherjee
- 5. Hours of Learning:** 30 hrs
- 6. Objectives of the course :**

- Establishing a connection between nature and student. through photography
- Using wildlife photography as a tool for Nature conservation.
- Documentation of local wildlife and spreading awareness by conducting nature walk
- Learning photography will generate alternate career options.

### **7. Course outcome :**

Upon completing the wildlife photography course, participants will have developed a comprehensive understanding of both the technical and artistic aspects required to capture compelling images of wildlife in their natural habitats. Students will gain proficiency in using advanced camera settings, including aperture, shutter speed, and ISO, tailored to the dynamic and often unpredictable conditions of wildlife environments. They will learn effective techniques for achieving optimal lighting, composition, and focus in varying ecosystems.

Participants will also cultivate an appreciation for ethical wildlife photography, ensuring respect and minimal disturbance to animal behavior and habitats. The course will cover essential field skills, such as understanding animal behavior, and employing camouflage to blend seamlessly into natural surroundings.

The course will emphasize storytelling through imagery, encouraging students to develop a narrative approach to their work, capturing not just the subject but the essence of their interaction with the environment.

By the end of the course, students will be equipped to produce basic wildlife photographs that reflect both technical expertise and a deep respect for the natural world.

### **8. Course syllabus and Module:**

#### **Syllabus of Basic knowledge of wildlife photography**

<b>Sl.No.</b>	<b>Topics</b>	<b>Total No of Lectures/Class</b>
1	Unit 1: Introduction to Wildlife <ul style="list-style-type: none"><li>❖ Basic information about wild animals</li><li>❖ Behaviour study of selected mammals: Elephants, Tiger and Primates</li></ul>	12

	❖ Habitat study	
2	Unit 2: Optics ❖ Light & Lenses (Telephoto Lenses, Macro Lenses & Wide Lenses) ❖ How images create through camera	2
3	Unit 3: Basic of Photography ❖ Framing (Rule of third, Symmetry, Leading lines) ❖ Aperture & Shutter ❖ Depth of field (Foreground & Background) ❖ Ethics & Do's and Don'ts	10
4	Practical: ❖ Know your local Avian fauna ❖ Photo walk	6

**10. Number of registered Students: 168+10=178**

**11. Evaluation methods if any: MCQ pattern examination**

**12. Resource persons:**

- **Dr. Kushankur Bhattacharyya (wildlife photographer)**, PhD from IISER kolkata, Post Doc from IISER TVM (**online mode**).
- **Kalyan Ghosh (ex- student and Nature Enthusiast)**, pursuing PhD in IISER Kolkata.
- **Dr. Shreya Banerjee (Assistant Professor in the department of physics, SOA)**, PhD from IISER kolkata, Post Doc from Institute quantique de University Sherbrooke, Canada.
- **Souvick Mukherjee (Wildlife photographer)** Researcher in NCBN Butterfly project.