



LIFE  
SCIENCE  
EDUCATION  
TRUST

# Institute of Animal care & Management



# PROSPECTUS

Animal Care Boot Camp  
Diploma in Animal Care and Management



[lifesciencetrust.org](http://lifesciencetrust.org)

# about us

We stand as a pioneering initiative in the realm of education in animal care, management, research, and development.



**Avian Society of India (ASI)**, founded in 2013 plays a crucial role in advancing avian welfare and conservation efforts across the country. Comprising dedicated individuals passionate about bird welfare, ASI conducts research, advocacy, and educational outreach to promote the well-being of avian species and their habitats.



**Bannerughatta Biological Park** Bengaluru is a unique region of ecological importance as it's situated on the northern terminal point of Mysuru Elephant Reserve. The Park plays a major role in conservation of rich floral, faunal diversity, sequester carbon and sustains regional hydrology.



The LSEt Foundation, a vision brought to life by Anil Garg in 2021, was officially incorporated as a Section 8 Company on March 5, 2024. It is registered under the Companies Act 2013, holding the Corporate Identity Number (CIN) U72100KA2024NPL185821. The foundation is governed by directors Mr. K M Nachappa, Mrs. Neetu Garg, and Mr. Rajesh M, who oversee its operations and strategic direction. Its mission is to provide comprehensive training programs and practical applications, offering industry-leading knowledge to enthusiasts and professionals alike.



**SANJEEVAN** –“Rejuvenation of Life” was founded in 2003 in Mumbai and shares a similar ethos with a focus on preserving the delicate balance between wildlife and human society. With a commitment to education, research, and experimentation in fields like wildlife conservation, captive breeding, and animal care, it plays a pivotal role in promoting coexistence and sustainability.



**Sri Chamarajendra Zoological Gardens**, popularly known as ‘Mysuru Zoo’, is one of the oldest zoos of the country established by his highness, the erstwhile ruler of Mysuru Sri Chamarajendra Wadiyar Bahadur. Mysuru Zoo is known for its meticulous planning, cleanliness, conservation breeding of endangered species, housing exotic animals from around the globe and recreation of natural habitat for captive animals.



## Institute of Animal Care Management

*Dear Students,*

**Welcome to LSeT Foundation, where your passion for animal life and dedication to learning will flourish! We are truly delighted to have you join us on this extraordinary journey of exploration and discovery.**

At LSeT Foundation, we are committed to providing you with the finest education in the fields of animal care, management, and conservation.

Whether you have chosen our short-term courses or are committed to a longer educational endeavour, rest assured that you're embarking on a transformative adventure that will shape your understanding of the natural world.

Throughout your time with us, you will have the opportunity to immerse yourself in the diverse and captivating world of a wide variety of birds and animals. Our comprehensive curriculum, crafted by

experts in the field, will introduce you to the intricate biology, behaviour, and conservation needs of a wide array of species. From hands-on practical sessions to theoretical insights, our courses are designed to equip you with the knowledge and skills necessary to make a meaningful impact in the field of animal care and management.

As you navigate through our programs, remember that you are not only gaining knowledge but also becoming part of a community dedicated to the welfare and conservation of flora and fauna.

Your journey with us will not only expand your horizons but also inspire you to become advocates for the preservation of our precious natural heritage.

Warm regards

*Professor Meera Deobhakta,*

**Director, LSeT Institute of Animal Care & Management**

# Vision

LSeT provides the best hands on experience in exotic birds and animals keeping and husbandry. We are committed to creating and sustaining the conditions that enable all trainees to experience first hand, an unparalleled educational journey that is intellectually, socially and personally transformative.

# Mission

To conduct advanced research-based training programs along with a realistic view and experience that would encourage the trainees towards a career in the fast-growing field of animal care and management.



**We are dedicated to advancing the welfare and conservation of animals through education, research, and advocacy.**

Our objectives are centred around equipping our students with the knowledge, skills, and ethical principles necessary to effectively care for animals in captivity while enhancing their quality of life and addressing their behavioural needs.



# Objectives

## Education

Our primary objective is to provide comprehensive education and training programs that prepare students for careers in the care and management of animals.

Through rigorous academic coursework, hands-on practical experience, and mentorship from industry experts, we strive to cultivate a deep understanding of animal biology, behaviour, and welfare among our students.

## Animal Welfare

Central to our mission is the promotion of animal welfare and well-being. By fostering empathy, compassion, and respect for animals, we empower our students to become advocates for their welfare and champions of ethical stewardship. Central to this are “Five Freedoms” or “Five Principles” which are the provision of food and water, suitable environment, healthcare, opportunity to express their most normal behaviour and protection from fear and distress.

## Ethical Practice

Ethics are at the core of everything we do at LSeT.

We emphasise the importance of ethical decision-making, animal welfare considerations, and conservation ethics in all aspects of our curriculum.



*Dear Aspiring Students,*

**Welcome to the LSeT Foundation (Life Science Education Trust), a place where learning transforms into action and this passion for animal care blossoms into expertise.**

As Principal of this institute, I am thrilled to introduce you to a unique educational journey that emphasizes comprehensive training and skill development in animal care and management.

Through our year-long Diploma in Animal Care and Management (DACM) and the 3 month long Animal Care Boot Camp (ACBC), we focus on equipping our students with the knowledge, hands-on experience, and confidence required to excel in this vital field.

At LSeT Foundation, education is not confined to the classroom. We immerse our students in real-world scenarios, practical training sessions, and interactive workshops designed to build a solid foundation in animal husbandry, nutrition, enrichment, and welfare. Our curriculum is tailored to nurture your growth, whether you aim to pursue advanced studies, a career in professional animal care, or simply deepen your understanding of the field. Together, let us strive toward a future where education inspires change and compassion drives progress.

Warm regards,

*Mrs. Neetu Garg*

**Principal, LSeT Institute of Animal Care & Management**



# Why LSeT Foundation

## **India's Biodiversity Status**

India is home to 8% of the world's biodiversity, with over 96,000 species of fauna (MoEFCC, 2023). Despite this, 12% of wildlife species in India are threatened, including iconic species like tigers, elephants, and gharials (IUCN Red List).

## **Impact of Human Activities**

India lost 1.6 million hectares of forest cover between 2001 and 2021 (Global Forest Watch), escalating habitat destruction. Human-wildlife conflict affects 80% of rural communities near wildlife habitats (WWF-India).

Animal farm with 150 plus exotic species for hands on training.

**Latest designs in animal care and management software.**

Study tours for Animal care experiences with our associate zoos.

**Unique infrastructures for animal housing and care**

Research and certification with specialisation.

**Excellent Faculty – student interaction and guidance.**

Comfortable accommodation food and care.



## **Professional Training in Animal Care**

Institutes like the Institute for Animal Care and Management train professionals to manage zoo animals, endangered species, and rescue operations, filling critical gaps in wildlife care expertise.

## **Role of Zoos in Education and Conservation**

India has 147 recognized zoos under the Central Zoo Authority (CZA), which collectively host over 50 million visitors annually, raising awareness about wildlife conservation.



**Zoos in India have been part of global species survival plans for animals like the red panda, snow leopard, and Indian rhinoceros.**

# Governing Council



**Anil Garg**

Founder LSeT  
Foundation, Avian  
Society of India (ASI),  
Patron Sanjeevan,  
Great Visionary



**E. Prof. Madhav  
Deobhakta**

Ex. President Indian  
Institute of Architects



**Rajesh M**

Founder LSeT  
Foundation, Avian  
Society of India (ASI)  
Educationist, Pet  
enthusiast



**Prof. Meera Deobhakta**

Architect, Ekistician,  
Environmentalist,  
Founder Trustee  
Sanjeevan



**Iain Valentine**

CEO-LSeT, Former  
Director - Royal  
Zoological Society of  
Scotland



**Subhash Gounder**

Chief Technologist  
(Artificial Intelligence and  
Machine Learning at LSeT)  
Head, Research and  
Development



**Soham Mukherjee**

Wildlife biologist and  
Zoo Specialist



**Neetu Garg**

Principal  
LSeT Foundation



**Arun Benty**

Core Team Member  
LSeT Foundation





Open Discussion



Preparation of Second feed



Student interacting with Meerkat



Learning Centre

# We at LSeT **respect** **and follow**

## 5 Freedoms of Animal welfare



Freedom from pain,  
injury and disease



Freedom to express  
normal behaviour



Freedom from fear  
and distress



Freedom from  
hunger and thirst



Freedom from  
discomfort



# Diploma in Animal Care and Management (DACM)

**Duration:** One Year – 2 Semesters

**Timing:** 6 am to 6 pm

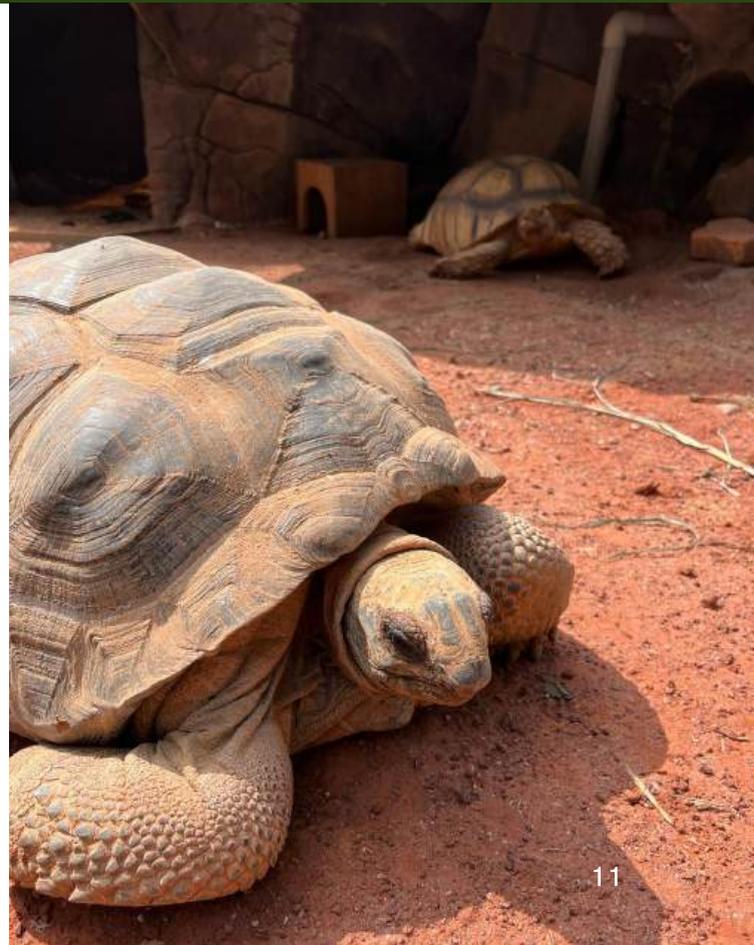
**Affiliation:** Bengaluru Bannerghatta Biological Park (BBBP).

**Number of seats:** 15

**Medium of Instruction:** English

**The Diploma in Animal Care and Management at LSeT Foundation is designed for individuals seeking comprehensive knowledge across a broad spectrum of species and aspiring to pursue a career in animal care.**

This intensive one-year course offers in-depth learning about species-specific needs, husbandry, welfare practices & many more. Students gain practical skills through hands-on training and coursework covering animal behaviour, nutrition, health, and enrichment. With a focus on professional development, graduates are equipped to excel in roles such as animal keeper, educator, veterinary support or animal behaviourist. This diploma program provides a solid foundation for those passionate about animal care and management.





# The Curriculum

**The curriculum of the one year Diploma in Animal Care and Management covers a broad spectrum of topics:**

- Communication in English language and public speaking ; use of computers to create reports and presentations.
- Environment - past, present and future.
- Animal geography and habitats
- Basic Taxonomy; related animal characteristics and behaviour
- Animal Nutrition
- Healthcare management
- Indian wildlife and an overview of modern zoos and national parks
- Designing animal enclosures
- Public display of zoo animals
- Horticulture in animal parks and aquariums
- Thesis research topic
- Legal framework for exotic species in India
- Ethical considerations of keeping exotic species in captivity
- Aquariums - settings

## Eligibility

Must be min 18 (eighteen years) at the time of joining.

### **Minimum qualification -**

Should have passed the 12th standard or equivalent in any field. Graduation in biology, zoology, animal science, or a related field is preferred but is not mandatory.

Should be passionate towards animals and should be actively involved in their welfare and upkeep. Previous experience working with animals, either through internships, volunteer work, or paid positions, is highly valued.

# Fees Structure

- All-inclusive fees (boarding, lodging and education) Rs.50,000 (Rupees Fifty Thousand only) per semester
- **Scholarships are also available in the 2nd semester. These will be based on the student's performance through the 1st semester. Please connect with our admissions officer for further details.**

# Animal Care Boot Camp (ACBC)

**Duration:** 3 (Three) Months

**Intake:** 4 times a year (January, April, July, October)

**Number of seats:** 15

**Medium of Instruction:** English

**The Animal Keepers Boot Camp (ACBC) offered by the LSeT Foundation presents a transformative practical opportunity for aspiring animal keepers to embark on a fulfilling career in animal care.**

This three-month intensive hands-on course is meticulously designed to equip participants with the basic knowledge and skills needed to initiate in the field.

Under the guidance of seasoned experts, students get to work hands-on with more than 150 types of species in the farm covering basic aspects of husbandry, nutrition, hygiene and health protocols.



## Eligibility

Must be min 18 (eighteen years) at the time of joining.  
Minimum qualification –  
Should have passed the 12th standard or equivalent in any field. Graduation in biology, zoology, animal science, or a related field is preferred but is not mandatory.

Should be passionate towards animals and should be actively involved in their welfare and upkeep.  
Previous experience working with animals, either through internships, volunteer work, or paid positions, is highly valued.

## Other Tutorial Events

### Webinars

We conduct 2 webinars a month that range across topics from enclosure development to understanding of specific species.

### Workshops and Seminars

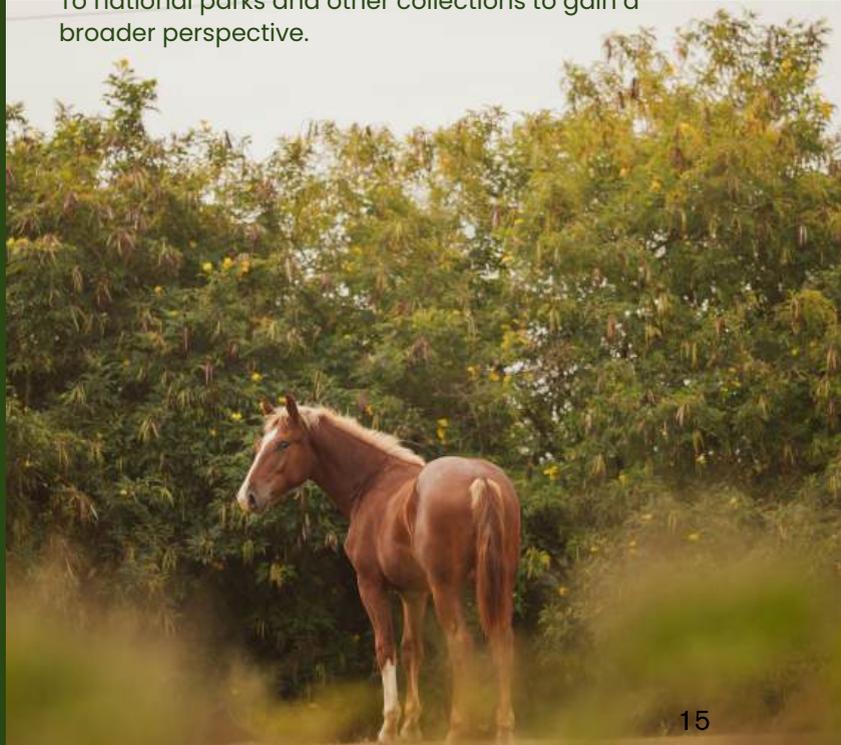
We have conducted these events with visiting experts and enthusiasts from around the country and abroad.

### Newsletter

We also publish quarterly newsletters that feature a broad spectrum of topics including contributions by our students and experts.

### Study Tours

To national parks and other collections to gain a broader perspective.



# Career Opportunities

Completing the DACM will open up a variety of career opportunities in the field of animal welfare, veterinary care, research, and more. Here are some potential career paths and positions that graduates might pursue:





## **Animal Care Professional / Zookeeper**

Responsible for the daily care and well-being of animals in shelters, rescue organizations, zoos, and research facilities. Duties may include feeding, grooming, cleaning enclosures, and providing enrichment activities.

## **Zoo Educator**

Engages visitors with information about different species, develops educational programs, delivers presentations and interpretive talks and creates awareness about conservation.

## **Veterinary Assistant**

Assists veterinarians with tasks such as animal handling, administering medications, noting vital signs, preparing surgical equipment, and educating pet owners on basic care and procedures.

## **Animal Shelter Manager**

Oversees the operation of animal shelters, including managing staff, coordinating adoptions, fundraising, budgeting, and ensuring the welfare of animals in their care.

## **Assistant Wildlife Rehabilitator**

Works with injured, orphaned, or sick wild animals, providing medical care, rehabilitation, and eventual release back into their natural habitats.



## **Pet Groomer**

Provides grooming services such as bathing, hair trimming, and nail clipping for domestic animals in grooming salons, pet stores, or mobile grooming units.

## **Animal Control Officer**

Enforces animal-related laws and regulations, responds to calls about stray or dangerous animals, investigates cases of animal cruelty, and educates the public about responsible pet ownership.

## **Laboratory Animal Care Technician**

Cares for animals used in scientific research, ensuring their health and well-being while following strict protocols and regulations.

## **Pet Store Manager**

Oversees the daily operations of pet stores, including inventory management, customer service, staff supervision, and ensuring the welfare of retail animals.

## **Animal Behaviourist**

Studies and evaluates animal behaviour, often working with pet owners to address behavioural issues through training and modification techniques.

## **Entrepreneur in animal care related fields**

These are just a few examples of the diverse career opportunities available to graduates depending on their interests and specialization. They may also explore roles in animal nutrition, animal-assisted therapy, equine management, and more.

# Antz: Smart Animal Care & Management

At LSeT, we prepare our students for careers in modern animal care and conservation.

Antz Systems, a division of the LSeT foundation, is a groundbreaking software suite revolutionizing animal care and management. Designed to enhance efficiency and ensure the highest standards of welfare, this state-of-the-art platform integrates advanced technology with real-world applications, providing students and staff with unparalleled access to the future of animal care.

## Seamless, Smart, and Data-Driven

Gone are the days of cumbersome spreadsheets and manual record-keeping. With Antz, students and staff gain hands-on experience in managing animal health, diet, enrichment, and enclosure maintenance through an intuitive, AI-powered system. The platform streamlines daily operations, allowing users to focus on critical decision-making and ethical animal management.



An animal keeper using Antz app to scan an enclosure QR code

## Animal Care Software that makes practical sense



### Key Features Accessible to Students and Staff:

- **AI & Machine Learning Integration** – Harness predictive analytics to anticipate health issues, optimize enclosure conditions, and analyze animal behavior in real-time.
- **Animal Health & Medical Records** – Instant access to comprehensive medical histories ensures accurate diagnoses and timely treatments.
- **Enclosure & Diet Management** – Monitor and adjust diets, track feeding habits, and maintain optimal living conditions effortlessly.
- **Behavior Tracking & Enrichment Analysis** – Utilize automated behavior recognition to assess social interactions, enrichment effectiveness, and welfare improvements.
- **Bio-Identification & Inventory Control** – Manage individual and group animal data with precision using QR-based tracking and biometric identification.

### Bridging Education and Innovation

Students at our institute gain direct exposure to this revolutionary technology. By integrating Antz into daily learning, we empower future professionals with the skills to leverage AI-driven insights, optimize management practices, and drive innovation in the field.

**Antz is more than just software—it's the future of ethical, efficient, and intelligent animal care. Join us and be part of this transformative journey!**

# Student Facilities

- Well-stocked library spanning a broad range of subjects.
- Shared accommodation in apartment inside gated community.
- All vegetarian meals are provided at the Institute.



# Our faculty



**Dr. Abhishek Gupta**  
Veterinarian



**Adip Sajjan Raj**  
Aquascaper



**Akansha Mukherjee**  
Wild life Rescue and  
Neonate Care



**Andy Beer**  
Zoo Education



**Christopher Liang**  
LSeT Foundation Core  
Team Member, Architect,  
Enclosure Design



**Daniel O'loughlin**  
Education Advisor



**Douglas Richardson**  
Zoological Consultant



**Gerry Martin**  
Educator and  
Herpetologist



**Iain Valentine**  
Zoo and Habitat Design



**Lubos Tomiska**  
Aviculturist/Magazine  
Editor



**Prof. Meera Deobhakta**  
Sanjeevan- Founding  
member



**Nanda Kishore**  
Zoo Biologist



**Rajesh S**  
Aqarist



**Sai Bharath**  
Aviculturist



**Simon Degenhard**  
Aviculturist



**Soham Mukherjee**  
Zoo Specialist



**Taranjeet Singh**  
Aviculturist and  
Photographer



**Vaclav Pavlicek**  
Frog and Shrimp  
Expert



**Amala M Anil**  
Education Officer  
Bannerughatta  
Biological Park



**Aishwarya K S**  
Biologist,  
BannerughattaRR  
Biological Park



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