

# Animal House Facility:

**Registration Details of Animal House Facility, Zoology Discipline, School of Biological Sciences, Goa University, are as follows:**

Registration No: - **2014/GO/Re/S/20/CPCSEA**

Date of Registration:-10/08/2020

Registration is valid till- 01/09/2029

Status of Approval: Approved

Purpose of Registration:-Small animal Research for Education purposes

Type of Animal House Facility:-Small Animal Facility

The Animal House Facility is registered with the Committee for Control and Supervision of Experiments on Animals (CCSEA), Ministry of Environment and Forests, Govt. of India (Reg. No 2014/GO/Re/S/20/CPCSEA) and has an established Institutional Animal Ethics Committee (IAEC) that advises the students, teachers/researchers on facilities, policies, and practices concerning the care and use of animals.

## Institutional Animal Ethics Committee

All the experiments involving animals are approved by the IAEC, which is constituted by CCSEA. The IAEC meetings are held regularly to obtain ethical clearance for the use of animals in academics and research. The facility maintains all relevant records to ensure compliance with the approvals granted by the committee, and progress under each approved protocol is put up for review by IAEC regularly in each meeting.

## Structural Facility

- Quarantine Room
- Mice/Rat Study Facility
- Herpetofauna Facility
- Aquaria rooms
- Preparation room
- Store area
- Washing area
- Large tanks for maintaining fishes
- Experimental laboratory

An animal house facility is available at Zoology Discipline, School of Biological Sciences and Biotechnology, Goa University, to be utilized for meeting the teaching and research demands involving animal experimentation.

A visiting qualified veterinarian and regular caretaker staff are always at hand to monitor and maintenance of the animals that are brought to this facility to carry out research and keep it in accordance with the standards established by the Committee for Control and Supervision of Experiments on Animals (CCSEA). The CCSEA has approved this facility for Small animal Research for Education and research purpose. This Animal House facility is extended for PG students and faculty of various disciplines in Goa University, so it intends to extend its support to various undergraduate colleges affiliated with Goa university.

Setting up an animal facility to produce good quality animals is costly, time-consuming, and requires professionally qualified veterinary staff. It is for this reason that this animal house facility was established at the Zoology Discipline (earlier Department of Zoology), School of Biological Sciences and Biotechnology, Goa University, with the sole aim of promoting laboratory animal research. Here students will also learn about the ethical treatment of animals.

### **Activity**

The activities of Animal House

- Promoting basic and educational animal research.
- Periodical Institutional Animal Ethic committee meeting as per CCSEA guidelines.
- In vivo studies for Ph. D. level, individual as well as collaborative research projects.
- Training faculty and students for applied animal studies.

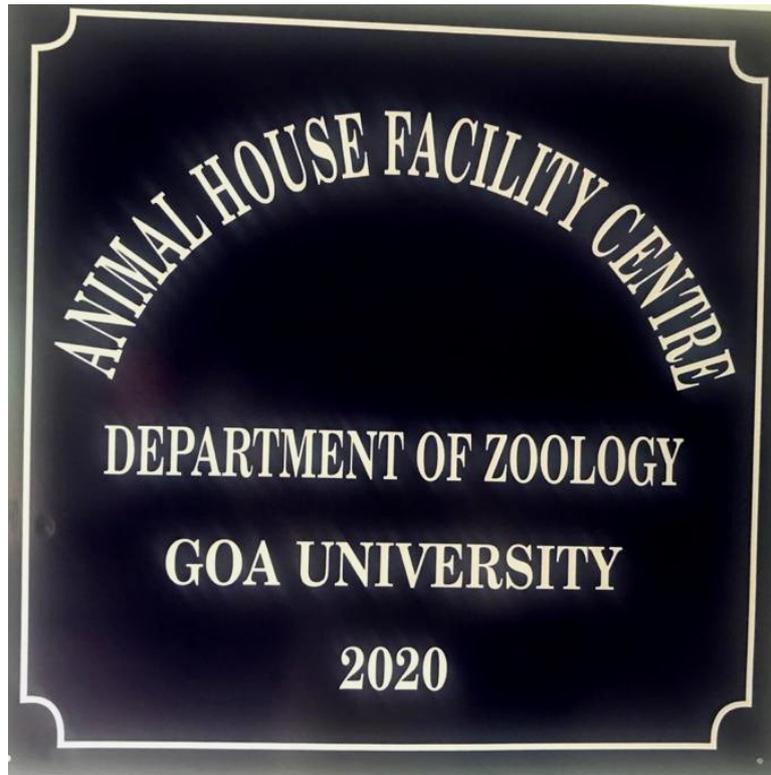
The central animal houses facility has permission to keep mice, rats, fishes, herpetofauna (temporary), and some invertebrates like Bivalves, Crabs, and Prawns. Each animal species is housed in barrier-maintained individual rooms to avoid disease transmission and inter-species conflicts. All efforts are made to maintain the animals under controlled environmental conditions [Temperature (24-26°C), Relative Humidity (60 ± 10%), light and dark cycle] with 100 % fresh air exchange in all animal rooms and water supply. Each laboratory animal requires special care. They are normally sensitive to their living conditions and living habits. The support staffs ensure that all animal care, including feeding, watering, restraining, cage cleaning, record keeping, and ordering of animals, feeds, bedding materials, and equipment from outside sources, are monitored. The animals themselves are isolated from human habitation and guarded against dust, smoke, noise, wild rodents, insects, and in fact, anything that would disturb their habitat. The housing environment and climate are moderated to ensure that artificial variables do not interfere. A high degree of hygienic conditions around the animals are maintained per the CCSEA guidelines. Periodic health monitoring of the research animals is carried out to ascertain the health status of the animals.

**Institutional Animal Ethics committee**

Chairman: Vice Chancellor of Goa University  
Member secretaries and Members approved by CCSEA  
Faculty In-charge: Dr. Shamshad Shaikh

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