

School of Pharmacy, ITM University Gwalior, M.P.

Animal House Facility

Scope

- Developing new therapeutic molecules from natural/synthetic/biological sources for management of diseases.
- Studying the characteristic features, safety and efficacy of new chemical entities.
- Establishing PK-PD correlation of a drug and its formulations.
- Developing animal models to study the putative mechanism(s) involved in the disease progression.

Animal ethics

The Animal House is registered with the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA), Ministry of Environment and Forests, Govt. of India (Reg. No. **1894/PO/Re/S/16/CCSEA**) 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.

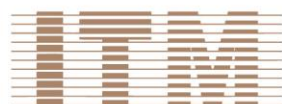
IAEC School of Pharmacy, ITM University, Gwalior, M.P.

1. IAEC members accepted by CCSEA

S.N.	Name of the IAEC member	Designation in IAEC
1.	Dr. M. Alagusundaram	Biological scientist, Chairperson
2.	Dr. Sonia Johri	Scientist from different biological discipline
3.	Mr. Nem Kumar Jain	Scientist In-charge of Animal House Facility
4.	Dr. S.P. Upadhyaya	Veterinarian

2. IAEC nominees nominated by CCSEA

S.N.	Deatails of Nominees	Nominated
1.	Prof. Suman Jain C/o Shri Mukesh Kumar Jain, Ludhiya Bhawan, Dana Oli, Lashkar, Gwalior, Madhya Pradesh Contact No. :9425116181 Email :sumanmukum@rediffmail.com	Main Nominee
2.	Dr. Sunil Kumar Dhiman VMD, Defence R&D Establishment (DRDE), Jhansi Road, Gwalior, Madhya Pradesh Contact No. :09435521588 Email :sunildhiman81@gmail.com	Link Nominee
3.	Shri Deepesh Parashar IPS College of Technology & Management,	Scientist from outside the Institute



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	Shivpuri Link Rd, Gwalior, Madhya Pradesh, 474001 Contact No. : 7000746883 Email : parashardeepesh85@gmail.com	
4.	Mr. Rajesh Singh Jadon 18K, Gaytri Vihar, Jaderua Road, Pinto Park, Gwalior, Madhya Pradesh, 474006 Contact No. : 9300631006 Email : drjadon@gmail.com	Socially aware Nominee

Animal care

Animals purchased from vendors and houses in a facility after being properly examined by an attending veterinarian and becoming acclimated in a quarantine room. All animal species are kept apart in individually maintained rooms with barriers to prevent the spread of diseases and conflicts between different species. The animals are kept in rooms with 100% fresh air exchange, constant power and water supply, and controlled climatic conditions (temperature (22–26°C), relative humidity (60 ± 10%), and a 12-hour light and dark cycle). Every aspect of animal care, such as feeding, watering, restraining, cleaning cages, maintaining records, and ordering animals, feeds, bedding, and equipment from outside sources, is watched over by the support personnel. The animals themselves are kept off from populated areas and protected from untamed rats, dust, smoke, and noise.

Veterinary care

To ensure the animals' state of health, routine health monitoring is done on them. Animal happiness and health depend on veterinary treatment. Every day, animals are being monitored to check the changes in behavior or symptoms of illness. A full-time veterinarian keeps a close eye on the housing animals' health to make sure they are free from illness or injury. Under the veterinarian's supervision, post-surgical animals get veterinary care. Along with helping to create suitable rules and processes for supplementary veterinary care, he oversees their diet and sanitation.

Animal House Facilities

The school of pharmacy has the animal house facility available to improve the facilities for research, teaching, and training. It also serves to address the growing need for high-quality laboratory animals in the rapidly developing field of experimental pharmacology. Technical staff and qualified academics are always available to assist with research and ensure that it adheres to the guidelines set by the Committee for the Purpose of Control and Supervision of Experiments on Animals (CCSEA).

Standard operating procedure (SOP), IAEC

As defined in “Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998” "Institutional Animals Ethics Committee (IAEC)" means a body comprising of a group of persons recognized and registered by the Committee for the purpose of control and supervision of experiments on animals (CPCSEA) performed in an establishment which is constituted and operated in accordance with procedures specified for the purpose by the Committee.

Objective: This SOP provides guidelines to IAEC for effective functioning so that a quality and consistent ethical review mechanism for research on animals is put in place for all proposals dealt by the Committee as prescribed by the CPCSEA under PCA Act 1960 and Breeding of and Experimentation (Control and Supervision) Rules 1998, as amended in 2001 and 2006.

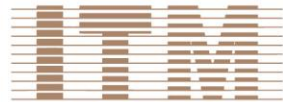
Other Important Links:

Rules and guidelines

- The Prevention of Cruelty to Animals Act- 1960
<https://dahd.nic.in/sites/default/files/The%20Prevention%20of%20Cruelty%20to%20Animals%20Act%2C%201960.pdf>
- The Breeding of and Experiments on Animals (Control and Supervision) Rules, 1998
<https://dahd.nic.in/sites/default/files/The%20Breeding%20of%20and%20Experiments%20on%20Animals%20%28Control%20and%20Supervision%29%20Rules%2C%201998.pdf>
- CPCSEA Guidelines for Laboratory Animal Facility
<https://ccsea.gov.in/WriteReadData/userfiles/file/Compendium%20of%20CPCSEA.pdf>
- The Recommendations of the ‘Sub-Committee on the Rehabilitation of Animals after Experiments’ setup by CPCSEA
http://envfor.nic.in/divisions/awd/Rehabilitation_Guidelines_new.pdf
- Bio-Medical Waste (Management and Handling) Rules, 2016
https://dhr.gov.in/sites/default/files/Bio-medical_Waste_Management_Rules_2016.pdf

Forms and application

- Application for Permission for Animal Experiments (Form B)
https://ccsea.gov.in/WriteReadData/userfiles/file/New%20Form%20B%20Feb_2022.pdf
- Record of Animals bred / acquired (Form C): (to be maintained by the Breeder/Establishment)
<https://ccsea.gov.in/WriteReadData/userfiles/file/Form%20C%20Revised.pdf>
- Record of Animals Acquired and Experiments performed (Form D): (to be maintained by the Investigator)
<https://ccsea.gov.in/WriteReadData/userfiles/file/Form%20D%20Revised.pdf>



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Layout of Animal house

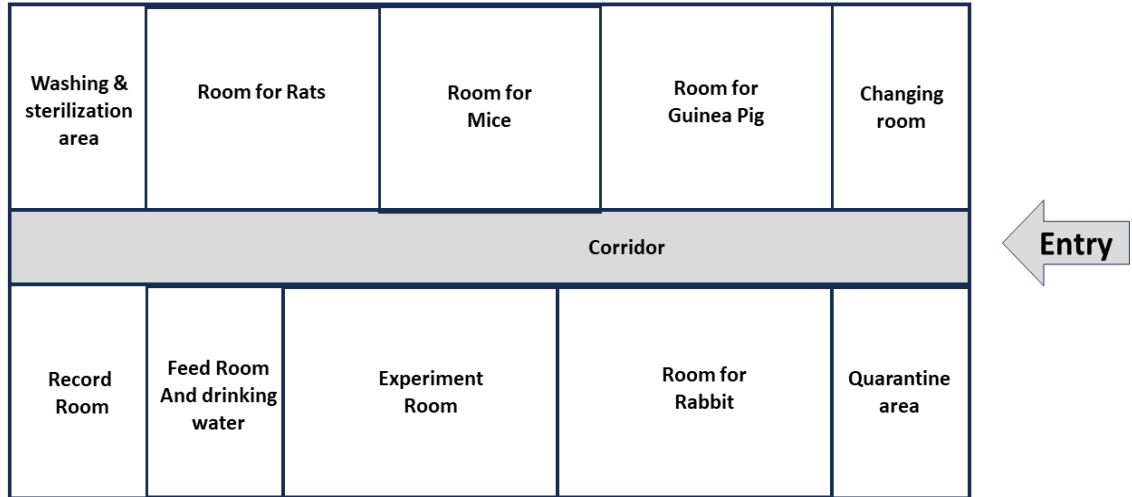
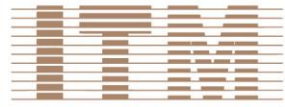


Photo 1: Animal House



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Photo 2: Faculty of School of pharmacy demonstrating experiments on rodents to students

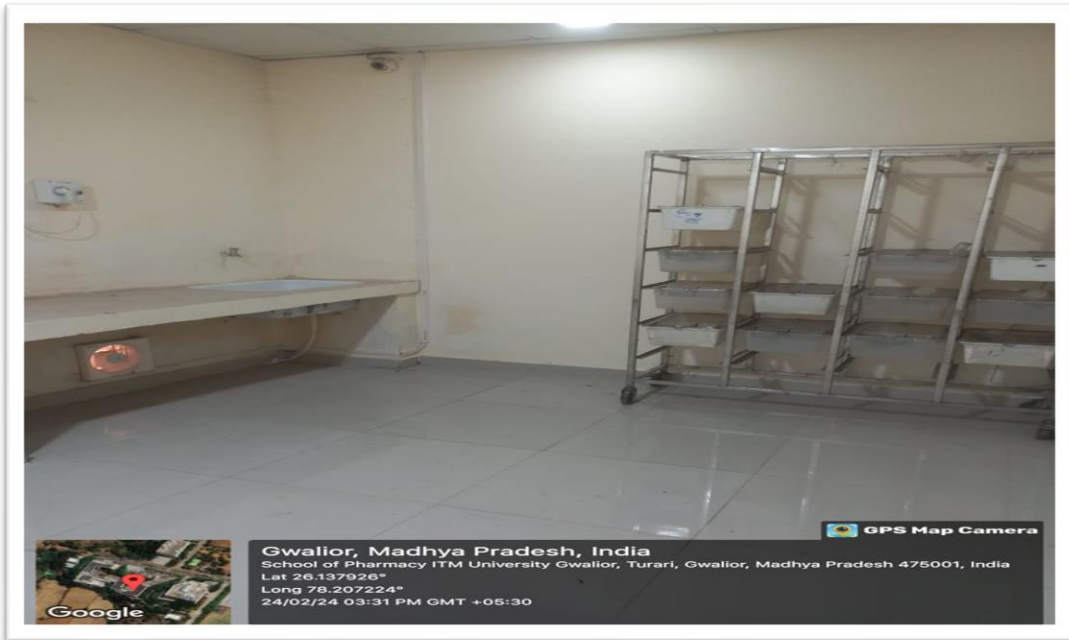
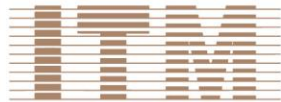


Photo 3: Proper housing facility for animal



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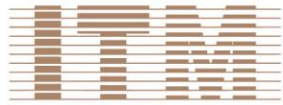
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Photo 4: Apron and gloves in changing room for staff



Photo 5: Feed room for storing the feed and husk required for the animals



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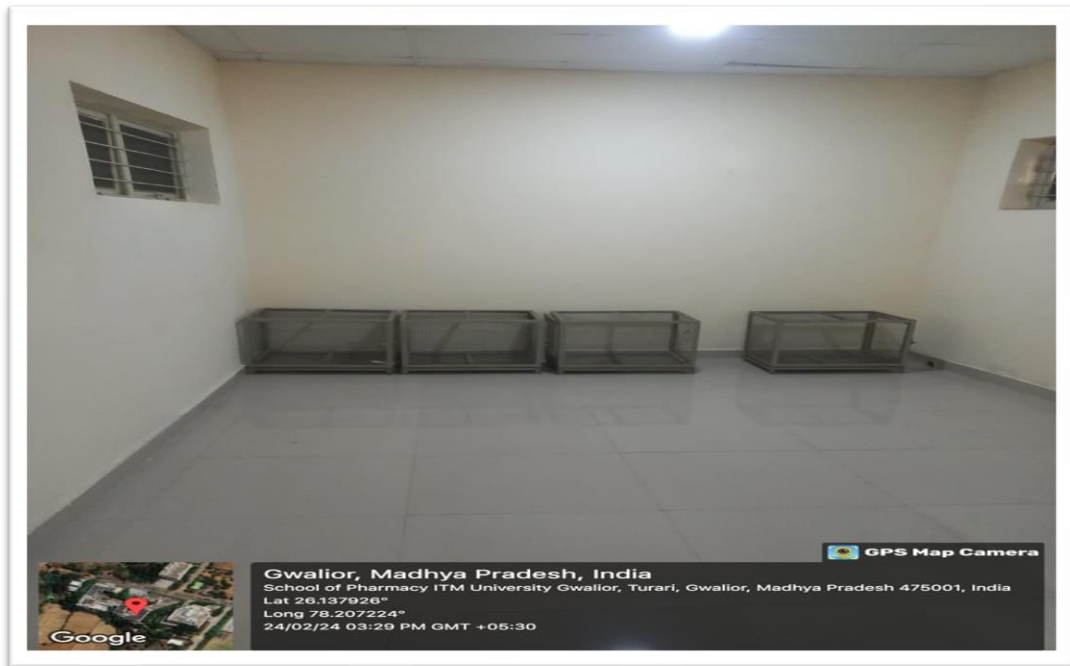


Photo 6: Cages for rabbit

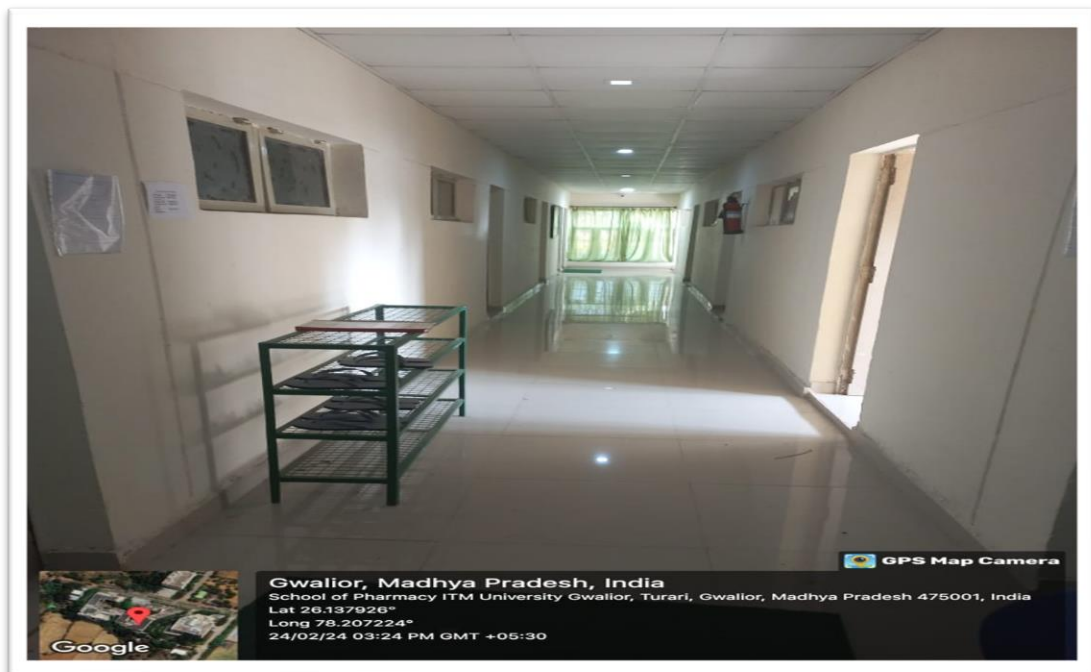
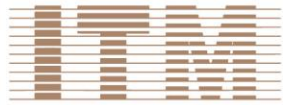


Photo 7: Clean corridor



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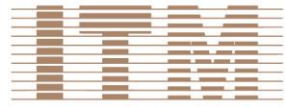
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Photo: 8 Entrance of animal house



Photo 9: Faculty of school of pharmacy demonstrating handling of animals

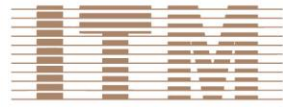


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Photo 10: Regular inspection



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Photo 11: Faculty and students of school of pharmacy