

Laboratory Animal Science- Regular Education Programs Active in India

Program /Who Offers	Type of Program	Aim	Logistics	Minimum Pre-Requisites	Costs	Languages	Contact
<p>1. Laboratory Animal Supervisors Training Course (LASTC).</p> <p>2. Laboratory Animal Technicians Training Course (LATTC).</p> <p>National Center for Laboratory Animal Science (NCLAS), ICMR, Hyderabad, India.</p>	<p>Supervisory course (LASTC) is 12 weeks duration for graduate candidates (12+3) and</p> <p>Technician course (LATTC) is 6 weeks duration.</p>	<p>Certification (must pass written examination held at the end of the course).</p>	<p>Lectures- on importance of lab animals, hygiene, disinfectant, sterilization, housing, environmental control, anatomy, animal sexing, physiology, body systems and physiology, genetics, breeding, genetic monitoring, animal feed and nutritional requirement, bacteriology, virology, parasitology, anesthesia, euthanasia, immunology, experimentation, biomedical instruments, isotopes and radiobiological experiments, record maintenance,</p>	<p>1. Graduate (12+3) in any science discipline for LASTC.</p> <p>2. SSC (10th standard pass) for LATTC.</p>	<p>Course fee:</p> <p>LASTC- For Govt. Rs. 8000/-, for private. Rs. 16000/-.</p> <p>LATTC- For Govt. Rs. 4000/-, for private. Rs. 8000/-.</p> <p>Fresh unreserved candidate- Rs. 4000/-.</p> <p>Fresh reserved candidate- Rs. 2000/-</p>	<p>English</p> <p>English/ Hindi</p>	<p>http://www.ninindia.org/lab_animals.htm</p>

			<p>biostatistics, gnotobiology, quarantine, transgenic technology, animal models of human diseases, alternatives to animal experiments, animal ethics, rules and regulations..</p>				
<p>Certificate Course in Laboratory Animal Science.</p> <p>Conducted by- ACTREC, Tata Memorial Centre, Navi Mumbai, India in collaboration with NIAW, Ministry of Environment and Forests, Govt. of India.</p>	<p>Certificate course- 4 weeks duration lectures cum demonstration.</p>	<p>Certification (must pass written examination held at the end of each module of the course)</p>	<p>Occupational health and safety, anatomy, cleaning, sterilization and disinfection, handling, sexing, animal models, immuno-compromised mice models, animal ethics/ PCA Act, facility design, breeding, environmental control, bedding, nesting and environmental enrichment materials, animal identification, numbering, record keeping, anesthesia,</p>	<p>Graduate (12+3 plus) in any science discipline.</p>	<p>For Govt. Rs. 5000/-, for private. Rs. 10000/-.</p> <p>Fresh unreserved candidate- Rs. 2500/-.</p> <p>Fresh reserved candidate- Rs. 1500/-</p>	<p>English</p>	<p>http://www.actrec.gov.in</p> <p>http://actrec.gov.in/animal_main.htm</p> <p>http://moef.nic.in/division/national-institute-animal-welfare-niaw</p>

			euthanasia and disposal of carcass and waste materials, import / export, transportation and quarantine, animal experimental techniques, common pests and parasites, quality control, radiation, biological and chemical safety, nonhuman primates models, zebra fish models, interference of rodent pathogens on research etc.				
Workshop/ hands on training program ACTREC, Tata Memorial Centre, Navi Mumbai, India	Yearly	Hands on training in all quality control aspects	Lectures and observation as well as hands on training on different quality control aspects of laboratory rodents.	Graduate in science discipline with one year of working experience in the established animal facility.	Rs. 3000/- or free based on funding source	English	http://www.actrec.gov.in/index.htm http://www.actrec.gov.in/animal_main.htm
Preparatory FELASA category ‘C’ certificate	FELASA type	FELASA ‘C’ certificate	Biology and Husbandry of Laboratory animals, microbiology and	Graduate in Veterinary/ medical sciences or	For government employee- Rs. 10000/-. For	English	http://www.tanuvac.ac.in/ http://moef.nic.in/division/committee-purpose-control-and-supervision-

<p>course</p> <p>Jointly organized by TANUVAS, CPCSEA, NIAW and LASA India.</p>			<p>diseases of laboratory animals, health hazard and safe practices, design and conduct of animal experiments, anaesthesia, analgesia and experimental procedures, alternatives to animal use, analysis of scientific literature, ethical and legislative aspects.</p>	<p>post graduate in life sciences</p>	<p>non-government employee - Rs. 25000/-.</p>		<p>experiments-animals-cpcsea-1</p> <p>http://moef.nic.in/division/national-institute-animal-welfare-niaw</p> <p>http://www.lasaindia.org/</p>
<p>Jointly organized by IGIB, CPCSEA, NIAW and Utrecht University, Netherlands</p>	<p>Certificate course</p>	<p>Certification in basics of LAS</p>	<p>Introduction to LAS, ethics in animal experiments, experimental protocol and analysis of a scientific literature, animal welfare, quality assurance, international legislation, animal and its environment, euthanasia, experimental techniques, peri-operative care and</p>	<p>Bachelor's degree in any area of biomedical sciences</p>	<p>For Government employee- Rs. 12000/- . For Industry- Rs. 20000/-.</p>	<p>English</p>	<p>http://igib.res.in/iclas/index.html</p>

		analgesia, ethical evaluation of research protocols, surgical techniques, anaesthesia, statistics and methodology, diseases and pathology, animal protection organization, anatomy of laboratory animals, microbiology, genetic standardization, genetic modification, alternatives to animal procedures, humane end points, nutrition of Laboratory animals				
--	--	--	--	--	--	--