

Title of course- Handling of Animal in Laboratory	
Nodal Department of HEI to run course	
Broad Area/Sector-	Agriculture and Allied
Sub Sector-	Captive and Small Animals Management
Nature of course - Independent / Progressive	Independent
Name of suggestive Sector Skill Council	Agriculture Skill Council of India
Aliened NSQF level	Level 4
Expected fees of the course –Free/Paid	
Stipend to student expected from industry	
Number of Seats-.....	
Course Code-.....	Credits- 03 (1 Theory, 2 Practical)
Max Marks...100..... Minimum Marks.....	
Name of proposed skill Partner	
Job prospects-Expected Fields of Occupation where student will be able to get job after completing this course in	Pharmaceutical industries, Animal House, Institutions etc.

Syllabus

Unit	Topics	General/ Skill component	Theory/ Practical/ OJT/ Internship/ Training	No of theory hours (Total-15 Hours=1 credit)	No of skill Hours (Total-60 Hours=2 credits)
I	Introduction to Animal Laboratory and the job role.	<ul style="list-style-type: none"> The available livelihood opportunities and career progression in the animal laboratory sector. The role and responsibilities of an animal laboratory attendant. Organisational structure and functioning of an animal laboratory. Applicable rules and instructions of the Animal Ethics Committee (AEC) and the Committee for the Purpose of Control and Supervision of Experiments on Animals (CPCSEA). 	<ul style="list-style-type: none"> Layout of an animal laboratory. Prepare the checklist for inspection of the animal lab in line with the AEC and CPCSEA rules. 	4 hour	10 hour
II	Handle different types of the laboratory animals.	<ul style="list-style-type: none"> Different types of the laboratory animals, Classification. Importance of communicating with the laboratory animals. Normal and abnormal behaviour of the laboratory animals. Methods of safe handling of specific laboratory animals. 	<ul style="list-style-type: none"> Preparation of beds Interaction with the animals in a non-threatening manner. Methods of handling of laboratory animals safely. Preparation of sample diet plan for a specific type of laboratory animal. Labeling of sample cage used in the animal facility. Prepare a checklist for monitoring animals. 	5 hour	15 hour
III	Maintain the health and hygiene standards.	<ul style="list-style-type: none"> Habitat requirement of different types of laboratory animals. Methods of maintaining desired hygiene and sanitation (sterilization, fumigation etc.) standards in the animal house. Equipment and chemicals needed for the sterilisation and fumigation. Personal protective equipment (PPE) to be used during the sterilisation and fumigation process. 	<ul style="list-style-type: none"> Preparing a sample bed for a particular laboratory animal. Preparing a sample cleaning and sterilisation schedule of animal cages and animal house. Cleaning of the animal house and the animal cages. 	6 hour	35 hour

			<ul style="list-style-type: none"> • Preparation of the solution mixture for cleaning and fumigation tasks. • Method of fumigation of the animal house and the animal cages. • Use of the PPE. 		
Suggested Readings:					
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Suggested Digital platforms/ web links for reading-: N.A.					
Suggested OJT/ Internship/ Training/ Skill partner:					
Suggested Continuous Evaluation Methods: Course Examination/Test/Quiz					
Course Pre-requisites:					
<ul style="list-style-type: none"> • No pre-requisite required, open to all • To study this course, a student must have the subject in class/12th/ certificate/diploma • If progressive, to study this course a student must have passed previous courses of this series. 					
Suggested equivalent online courses: N.A.					
Any remarks/ suggestions: N.A.					
Notes:					
<ul style="list-style-type: none"> • Number of units in Theory/Practical may vary as per need • Total credits/semester-3 (it can be more credits, but students will get only 3credit/ semester or 6credits/ year • Credits for Theory =01 (Teaching Hours = 15) • Credits for Internship/OJT/Training/Practical = 02 (Training Hours = 60) 					