

4.1.1: *The institution has adequate infrastructure facilities for a. teaching - learning. viz., classrooms, laboratories, b. ICT enabled facilities such as smart classes, LMS etc. c. Facilities for cultural and sports activities , yoga centre, games (indoor and outdoor) gymnasium, auditorium etc.*

(i) **Department wise facilities available at NTR College of Veterinary Science, Gannavaram**

Sl. No.	Name of the Department	Name of the laboratory
1.	Animal Genetics and Breeding	1. UG – Laboratory 2. PG – Research Laboratory 3. Statistical & Computer laboratory 4. Molecular Genetics laboratory
2.	Animal Nutrition	1. Feed Technology 2. Energy Metabolism 3. Feed Analysis 4. Referral Feed Analytical Quality Control Laboratory
3.	Livestock Production and Management	1. UG-1 2. PG-1
4.	Livestock Products Technology	1. Meat technology Lab 2. Dairy technology Lab 3. Slaughter hall 4. Research Lab 5. Other products lab 6. Products processing lab 7. Poultry processing unit
5.	Veterinary Anatomy	1. UG – Gross anatomy Laboratory 2. UG – Histology Laboratory 3. Research Laboratory
6.	Veterinary and Animal Husbandry Extension Education	1. UG lab cum Audio-Visual Lab 2. PG lab Group Discussion Room 3. Audio-visual museum
7.	Veterinary Gynecology and Obstetrics	1. UG Lab cum Phantom Hall 2. Gynecology cum Palpation Room 3. Andrology Lab 4. Small Animal Operation Theatre 5. Small Animal Gynecology Ward 6. Museum 7. AI Unit
8.	Veterinary Medicine	1. Clinical Medicine Laboratory 2. Preventive Medicine Laboratory 3. Museum/Projection room
9.	Veterinary Microbiology	1. Bacteriology & Mycology Lab 2. Virology & Cell culture lab 3. Immunology lab 4. PCR & Molecular diagnostics lab 5. Molecular biology lab
10.	Veterinary Parasitology	1. Entomology Laboratory 2. Helminthology Laboratory 3. Protozoology Laboratory

11.	Veterinary Pathology	<ol style="list-style-type: none"> 1. Clinical and histopathology Lab 2. Research Lab 3. UG Laboratory 4. PG - Post mortem complex
12.	Veterinary Pharmacology and Toxicology	<ol style="list-style-type: none"> 1. Pharmacy laboratory 2. Pharmacology lab 3. Toxicology lab
13.	Veterinary Physiology	<ol style="list-style-type: none"> 1. U.G lab 2. Experimental physiology lab 3. Research lab
14.	Veterinary Public Health & Epidemiology	<ol style="list-style-type: none"> 1. Zoonoses lab 2. Food Safety lab 3. Environmental Hygiene lab 4. Research lab
15.	Veterinary Surgery and Radiology	<ol style="list-style-type: none"> 1. Operation Theatre Complex for small animals 2. Large animal Operation Theatre 3. Diagnostic Imaging Section 4. General Surgery Laboratory 5. Radiology Practice Laboratory 6. Each one for demonstrations, Laparoscopy, Endoscopy, Ultrasonography, Ophthalmology, Radiology, Large and Small animal Operation theatres – PG-8
16.	Poultry Science	<ol style="list-style-type: none"> 1. UG Laboratory 2. Poultry museum 3. Hatchery unit
17.	Bio-Chemistry	<ol style="list-style-type: none"> 1. UG Laboratory 2. Clinical Biochemistry Lab 3. Analytical Biochemistry Lab 4. Research Lab

(ii) **Department wise facilities available at College of Veterinary Science, Tirupati**

Sl. No.	Name of the Department	Name of the laboratory
1.	Animal Genetics and Breeding	<ol style="list-style-type: none"> 1. Computer Laboratory 2. Cytogenetics Laboratory 3. Molecular Genetics Laboratory

2.	Animal Nutrition	<ol style="list-style-type: none"> 1. UG Laboratory 2. Mineral Laboratory 3. Energy Metabolism Lab – I 4. Egg Analysis Lab 5. Energy Metabolism Lab – II 6. Wet Lab - I 7. Wet Lab - II
3.	Livestock Production and Management	<ol style="list-style-type: none"> 3. UG-1 4. PG-1
4.	Livestock Products Technology	<ol style="list-style-type: none"> 8. Meat technology Lab 9. Milk technology Lab 10. Microbiology Lab 11. Model Sheep Slaughter House
5.	Veterinary Anatomy	<ol style="list-style-type: none"> 1. Osteology and Arthrology Lab/ Dissection Hall (UG Lab) 2. Histology and Embryology Lab (UG Lab) 5. Virtual Dissection Lab
6.	Veterinary and Animal Husbandry Extension Education	<ol style="list-style-type: none"> 1. UG lab cum classroom 2. PG lab cum classroom 3. Group discussion room
7.	Veterinary Gynaecology and Obstetrics	<ol style="list-style-type: none"> 1. UG laboratory - 2 2. Museum – 1 3. Phantom box - 1
8.	Veterinary Medicine	<ol style="list-style-type: none"> 4. Clinical Medicine Laboratory 5. Preventive Medicine Laboratory
9.	Veterinary Microbiology	<ol style="list-style-type: none"> 1. Bacteriology lab 2. Immunology lab 6. Virology lab 7. Molecular biology lab
10.	Veterinary Parasitology	<ol style="list-style-type: none"> 4. Entomology Laboratory 5. Helminthology Laboratory 6. Protozoology Laboratory
11.	Veterinary Pathology	<ol style="list-style-type: none"> 1. Undergraduate Laboratory 2. Postgraduate Laboratory 3. Large and small animal postmortem halls 4. Histopathology laboratory 5. Clinical Pathology laboratory 6. Immunohistochemistry Laboratory 7. Molecular Pathology Laboratory
12.	Veterinary Pharmacology and Toxicology	<ol style="list-style-type: none"> 1. Experimental Pharmacology 2. Pharmacy 3. Chemotherapy
13.	Veterinary Physiology	<ol style="list-style-type: none"> 4. U.G lab 5. Experimental physiology lab 6. Research lab

14.	Veterinary Public Health & Epidemiology	<ol style="list-style-type: none"> 1. Milk and Meat Hygiene Laboratory 2. Food Safety and Public Health Laboratory 3. Zoonoses- cum- Epidemiology Laboratory 4. Environmental Hygiene Laboratory
15.	Veterinary Surgery and Radiology	<ol style="list-style-type: none"> 1. Small animal operation theatre 2. Large animal operation theatre 3. Ultrasound and Endoscopy unit 4. x-Ray museum 5. Radiology unit 6. Practical hall for Undergraduate students 7. Practical hall for Post graduate students 8. Biomaterials lab 9. Surgical oncology unit
16.	Teaching Veterinary Clinical Complex	1. Diagnostic Laboratory
17.	Instructional Livestock Farm Complex	-
18.	Poultry Science	<ol style="list-style-type: none"> 4. UG Laboratory 5. Poultry museum 6. Hatchery unit
19.	Bio-Chemistry	<ol style="list-style-type: none"> 5. UG Laboratory 6. PG laboratory 7. Clinical Biochemistry Lab

(iii) **Department wise facilities available at College of Veterinary Science, Proddatur**

Name of the Division	Name of the Laboratories
Animal Genetics and Breeding	Computer Laboratory Cytogenetic Laboratory Research Lab
Animal Nutrition	Feed and Fodder Analysis lab Energy Metabolism lab Feed Technology lab
Instructional Livestock Farm Complex	3000 egg capacity Hatchery unit
Livestock Production and Management	Breed Museum cum UG laboratory
Livestock Products Technology	Meat processing lab Milk processing lab Pilot processing lab Sensory evaluation lab Microbiology lab Training/PG/UG room
Teaching Veterinary Clinical Complex	Endoscopy room VLD lab
Veterinary Anatomy	Histology lab Dissection hall Osteology lab PG laboratory
Veterinary and Animal Husbandry Extension Education	Audiovisual lab
Veterinary Biochemistry	UG lab Analytical equipment Lab PG lab
Veterinary Gynecology and Obstetrics	Obstetrics lab Phanton hall and palpation room Andrology and semen lab Semen collection yard and A.I Room

Veterinary Medicine	Clinical Medicine lab Microbiology lab Preventive medicine lab Research lab Haematology lab
Veterinary Microbiology	Bacteriology and Mycology lab Walk in cold room Media preparation room Sterilization room Virology laboratory Immunology lab
Veterinary Parasitology	Helminthology lab Entomology & Protozoology lab
Veterinary Pathology	UG Laboratory, Pathology, Histo Pathology Lab and PG Lab
Veterinary Pharmacology and Toxicology	Experimental Pharmacology lab Pharmacology and toxicology lab
Veterinary Physiology	UG laboratory Analytical Equipment Lab PG research laboratory
Veterinary Public Health & Epidemiology	Milk & Meat Hygiene lab Zoonoses cum Epidemiology lab Environmental Hygiene lab
Veterinary Surgery and Radiology	Ultrasound scan and endoscopy room Physiotherapy cum X-ray museum UG practical hall Sterilization cum sun dry room Ophthalmology Operation theatre Research lab Laparoscopy OT Small animal OT Large animal OT