From:

The Dean
College of Veterinary Sciences
Lala Lajpat Rai University of Veterinary & Animal Sciences
Hisar (Haryana)

To:

The Director General
Himal Husbandry & Dairying Department Haryana
Hudhan Bhawan, Bays No.9-12, Sector-2
Panchkula

Re: Guidelines of Veterinary Diploma Courses conducted by private institutions in the State.

Kindly refer to your letter No. 10484 Dated 29.3.2003 on the subject cited above.

As desired, the Norms, Procedure and guidelines alongwith application form for affiliation of institutions offering/desirous of starting Veterinary and Livestock Development Diploma course in the State of Haryana is enclosed herewith for further necessary action at your end please.

Encl. above

(PG)

14/5/13

14/5/13
College of Veterinary Sciences,
Lala Lajpat Rai University of Vety. & Animal Sciences, Hisar

Subject: Norms, Procedure and guidelines for affiliation of institutions offering /desirous of starting Veterinary and Livestock Development diploma course in the State of Haryana.

i) Institutions offering diploma courses in Veterinary /Animal Sciences in the State of Haryana shall follow the procedures and guidelines laid down by the College of Veterinary Sciences, LLRUVAS in order to maintain uniformity and to ensure high quality of training.

ii) The institutions desirous of starting the diploma courses shall have to first obtain a No Objection Certificate from the Govt. of Haryana, Department of A.H. & Dairying. The no objection certificate is only an in principle permission of the state government to approach the university for affiliation and does not confer any legal right on any institution to be affiliated to the university unless it is found to be fulfilling all eligibility conditions prescribed for such affiliation.

iii) After obtaining the No Objection Certificate from the state government, the institution shall have to apply to the Dean, College of Veterinary Sciences, LLARUVAS within 120 days of obtaining the NOC for pre-affiliation inspection of the institute. The institution shall be required to deposit along with the application initial affiliation fee of Rs. two and a half lakhs and an inspection fee of
Rs. 50000/-. if affiliated, the institution shall have to pay an annual affiliation fee of Rs. 50000 in every subsequent year. The Dean may entertain an application for renewal beyond a period of 120 days in special cases. The pre-affiliation inspection by the university will be intended to evaluate infrastructural, technical, clinical, academic and financial capability of the institution in keeping with the requirements prescribed. The applicant institution shall not start any academic activity before getting the affiliation from the university.

iv) The first inspection has to be necessarily carried out before the 31st March preceding the start of an academic year followed by another inspection before the start of the academic session. Renewal of affiliation in subsequent years will be subject to a recommendation by a Committee constituted by the Dean, College of Veterinary Sciences for the purpose.

v) The Committee may inspect all the documents and premises/facilities pertaining to the financial strength, the infrastructural facilities and the academic and technical capabilities of the institution. The institution shall, besides demonstration of adequate financial strength, furnish a bank guarantee of Rs. fifty lakh to the Dean, College of Veterinary Sciences. In the event of failure by the affiliated institution failing to complete a course after having started the course, the money in the form of bank guarantee
shall be forfeited by the Dean, College of Veterinary Sciences, LLRUVAS, Hisar.

vi) The academic standards with respect to quality of teaching and the minimum essential infrastructure such as Laboratories, Lecture Halls, Sports ground, Computer Lab, Multimedia Lab, Teaching Animal Farm and Clinic etc. shall be governed by the College of Veterinary Sciences, LLRUVAS and for the present as given in Annexure-1.

vii) The intake capacity for VLDD diploma course shall be a maximum of 60 students per batch or as approved by the university. However, the diploma in Veterinary Laboratory Technology will have strength of not more than 30 students so as to ensure adequate "hands on" practice.

viii) Admission to different diploma courses in the affiliated institutions will be on the basis of a Common Entrance Test conducted by the College of Veterinary Sciences, LLRUVAS, Hisar. Students desirous of seeking admission in affiliated institutions shall have to apply to the Dean, College of Veterinary Sciences for admission and central counseling as per procedure given in the university prospectus of that particular academic year.

ix) No student who has not qualified the Common Entrance Test shall be admitted to any diploma course under any category.
x) All the students admitted in the affiliated institutions shall register themselves with the College of Veterinary Sciences, LLARUVAS after paying the prescribed registration fee in the 1st year of admission, as per schedule prescribed by the college.

xi) The admission fee for students admitted to affiliated institutions shall be as fixed as per procedure laid down by the State Govt or as notified by the state government.

xii) The entire process of conduct of examinations, evaluation and related issues for all diploma courses shall be under the control and supervision of the Dean, College of Veterinary Sciences, LLRUVAS, Hisar

xiii) The students of the affiliated institutions shall have to pay the prescribed examination fee to College of Veterinary Sciences, Hisar

xiv) After successful completion of course, diploma certificates shall be issued to students by the College of Veterinary Sciences, LLRUVAS, Hisar

xv) Rules, Regulations and guidelines as framed by the Board of Studies, College of Veterinary Sciences, Hisar shall also be applicable to the students of the affiliated institutions (Annexure-2)

xvi) The minimum faculty strength for a Diploma course for a batch of sixty students shall be one Principal and four faculty members having at least BVSc degree and two years of relevant
experience. The Principal must possess a Master's degree (MVSc) in any discipline of Veterinary Sciences with a minimum of 15 years experience in teaching, research, extension or field service. The qualifications may, however, be relaxed in exceptional cases by the university if the university is satisfied that suitable candidates are not available for a particular teaching position. The upper age limit for the faculty shall be 68 years. The faculty shall be appointed on a full-time basis. The optimum teacher-students ratio should be maintained around 1:10; however, if the institute is running more than one diploma course, then there shall be appropriate increase in the faculty strength of the institute.

xvii) The admission process for Diploma Courses must be completed before 30th September of each academic year and no admission will take place after this date. The academic calendar as prescribed by College of Veterinary Sciences, LLRUVAS and instruction/clarifications on it issued by the university shall be followed by all affiliated institutions.

xviii) The affiliated institution shall have its in house equipped and functional clinics with at least 30 outdoor cases per day. If the in house clinics are not fully equipped or functional to the satisfaction of the university and if the university grants a provisional affiliation to an institution in view of this shortcoming, then the affiliated institution will have to make arrangement for
attachment of its students in a suitable Government Veterinary Hospital and get the arrangement approved by the university, provided the number of outdoor cases in such hospital is sufficient.

xx) The Supervisory-cum-Expert Committee for Diploma courses at the College/University level shall be headed by the Dean, College of Veterinary Sciences, LLRUVAS, Hisar, with Director, Clinics, HOD's of Pathology, Microbiology, and LPM/APT departments as members. The Associate Dean of the university will be the Member Secretary of the committee.

xxi) It shall be mandatory for all affiliated institutions undertaking any diploma course to fulfill the requirements of minimum infrastructure, equipments and other facilities required for the course as prescribed by the Dean, College of Veterinary Sciences, Hisar.

**Note:**

In case of institutions which have started academic activities before these guidelines was issued, on the basis of NOC issued by the State Govt., affiliation may be given provisionally for such batches subject to complete compliance through verification of academic standards pertaining to the period of teaching already completed before applying for affiliation. While the internal assessments previously awarded to students by an institution applying for affiliation may be recognized for successful completion of the course by students, all students of such affiliated institutions shall have to appear and clear the annual examinations of 1st and 2nd year conducted by the University so as to complete the diploma course successfully.
In case a provisional affiliation is granted to any institution in view of some deficiency in infrastructure, full compliance in respect of infrastructure will have to be completed within two years of provisional affiliation, failing which the affiliation granted to such non-complying institution shall be withdrawn. However, provisional affiliation will not be granted if there are deficiencies in academic and clinical standards.
Annexure-1

Requirement of land and building infrastructure consisting of Administrative block, Academic building, Hostels, Veterinary Hospital, Livestock farm etc., shall be as per guidelines given below:

INFRASTRUCTURE:

The standards of infrastructure for the affiliating institutes running a single diploma course are:

1. Minimum ten acres of land on long term lease or ownership in the name of institution.

2. Constructed buildings:
   A. Administrative Block:
      a. 300 square feet carpet area for academic head of the institution.
      b. 250 square feet carpet area for the office of the supporting staff.
      c. 500 square feet carpet area as a reception place.
      d. 200 square feet carpet area for the store.
      e. Separate toilets for staff, students and girls/ladies.
   B. Academic Block including labs. and library:
      a. 150 square feet carpet area for each faculty member.
      b. 3000 square feet carpet area for the library.
      c. 1200-1500 square feet carpet area each for two lecture halls preferably fitted with audio visual aids.
      d. 1200-1500 square feet carpet area each for two laboratories.
      e. 3000 square feet carpet area for multipurpose hall.
   C. Veterinary Hospital:
      A functional inhouse/attached veterinary hospital of the level of polyclinic/district level Govt. Veterinary Hospital to be constructed on a plot of one acre having the required facilities for diagnosis and treatment of medicinal, surgical and gynaecological & obstetrical ailments in animals (Annexure 1-A). If an attached hospital of desired level is not functional, then interim permission may be given for two years, in a hospital of desired level. The In charge hospital shall submit
the certificate certifying that students have attended the clinics along with their attendance and the work report which may be verified by the University periodically

D. Animal farm:

a. Four acres for animal farm including fodder and pasture facilities. The minimum number for different livestock is as follows:

i. Cattle = 15-20,

ii. Buffalo = 15-20

iii. Sheep & goat = 40-60

iv. Poultry = 250-300

b. Priorities: To train the students with respect to management, nutrition and breeding activities.

c. Personnel: Farm manager/Farm supervisor, VLDA, Animal attendants (minimum four), sweepers (minimum two) and chowkidar.

d. Equipment: As per annexure 1-B

e. Shed/water: As per standard requirements for the specified no. of animals, there should be proper sheds and water arrangement.

f. Circulation area: Sufficient area should be provided.

E. Standard of the lab attached to the Academic block


b. Carpet area: 1200-1500 square feet carpet area each for two laboratories.

c. Equipment: As per annexure 1-C

d. Biochemical Reagents & Chemicals: As per annexure 1-0

F. Hostel & recreational facilities:

a. Hostel must have facilities for 100 students on twin share basis.

b. Accommodation for warden and deputy warden along with hostel

c. Student’s mess and common room etc.
Play grounds & Recreational facilities:

a. Two acres area for play grounds and required facilities for sports.

RATIO OF CARPETED AREA AND OPEN AND CIRCULATION AREA IN THE CAMPUS SHOULD BE AT LEAST 1:1

STAFF:

a. One Principal (Minimum MVSc)

b. Four faculty members with BVSc

In case more than one diploma course is offered by an affiliated institution, it shall have to make modular additions in infrastructure of academic block, laboratory, hostel and in personnel as per specific requirement of the diploma course as per instruction of the Dean COVS LLRUVAS.
Annexure 1-A

Equipments and related material for Veterinary Hospital:

The attached teaching veterinary hospital should have all the essential facilities required for diagnosis and treatment of medicinal, surgical, gynecological & obstetrical ailments in different animal species. The minimum equipment and other materials are suggested below.

<table>
<thead>
<tr>
<th>Name</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cattle crush</td>
<td>2</td>
</tr>
<tr>
<td>Al crate</td>
<td>1</td>
</tr>
<tr>
<td>Operation table</td>
<td>1</td>
</tr>
<tr>
<td>Shadow less lamp</td>
<td>1</td>
</tr>
<tr>
<td>Surgical instruments: Complete Surgical set</td>
<td>4 sets</td>
</tr>
<tr>
<td>with various kinds of surgical instruments:</td>
<td></td>
</tr>
<tr>
<td>Teat &amp; udder instruments</td>
<td>2 sets</td>
</tr>
<tr>
<td>Cauterisation set</td>
<td>1</td>
</tr>
<tr>
<td>Autoclave</td>
<td>1</td>
</tr>
<tr>
<td>Hot air oven</td>
<td>1</td>
</tr>
<tr>
<td>Sterilizer unit</td>
<td>2</td>
</tr>
<tr>
<td>Teeth rasp &amp; teeth cutter</td>
<td>1 each</td>
</tr>
<tr>
<td>Intravenous drip stands</td>
<td>2</td>
</tr>
<tr>
<td>Gray's mouth gag</td>
<td>2</td>
</tr>
<tr>
<td>Obstetrical set</td>
<td>2</td>
</tr>
<tr>
<td>Whelping set</td>
<td>1</td>
</tr>
<tr>
<td>Vaginal speculum</td>
<td>1</td>
</tr>
<tr>
<td>A.I. guns</td>
<td>1 set each</td>
</tr>
<tr>
<td>Stomach tubes</td>
<td>2</td>
</tr>
<tr>
<td>Burdizzo castrator</td>
<td>1</td>
</tr>
<tr>
<td>Refrigerator (double door)</td>
<td>1</td>
</tr>
<tr>
<td>Monocular microscope</td>
<td>2</td>
</tr>
</tbody>
</table>
• Binocular microscope 1
• Swab holder 1
• Liquid nitrogen Cylinder (LN2 containers) 1 each small and large
• Drenching bottles 2
• Irrigators 2
• Thermometers (simple and digital) 10 each
• Stethoscope 5
• Syringes of various volumes 1 ml to 50 ml 30 each
• Tuberculin syringes 30
• Needles 23, 22, 20, 18, 16, 15 gauges 30 each
• Catheters as per need
• Insemination catheter 2
• Marble slabs 2
• Spatula (iron, plastic and ebonite) 2
• Mortar and pestle (porcelain and glass) 2
• Stethoscopes for demonstration 10
• Artificial Vagina 8
• Mortar & pestle 2
• Disposable and rubber gloves as per need
• Suture materials (silk and catgut) as per need
• Haemocytometer sets 2
• Haemoglobinometer sets 2
• Other accessories for blood, urine and fecal examination
• Chemicals and reagents required for preparation of lotions, tinctures, ointments etc.
Annexure 1-B

**Equipments and related material for Animal farm:**

<table>
<thead>
<tr>
<th>Equipment</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Shearing and Clipping equipment</td>
<td>1 set</td>
</tr>
<tr>
<td>De-beaking equipment</td>
<td>1 set</td>
</tr>
<tr>
<td>Egg Candler</td>
<td>1</td>
</tr>
<tr>
<td>Egg grading Machine</td>
<td>1</td>
</tr>
<tr>
<td>Branding set</td>
<td>1</td>
</tr>
<tr>
<td>Electric clippers</td>
<td>2</td>
</tr>
<tr>
<td>Lactometer</td>
<td>4</td>
</tr>
<tr>
<td>Ropes for different halters</td>
<td>as per need</td>
</tr>
<tr>
<td>Bull holder</td>
<td>as per need</td>
</tr>
<tr>
<td>Bull nose punch</td>
<td>as per need</td>
</tr>
<tr>
<td>Trocar</td>
<td>5</td>
</tr>
<tr>
<td>Body brush</td>
<td>5</td>
</tr>
<tr>
<td>Metal/plastic tags</td>
<td>as per need</td>
</tr>
<tr>
<td>Tag punch</td>
<td>as per need</td>
</tr>
<tr>
<td>Ear Natcher</td>
<td>5</td>
</tr>
<tr>
<td>Trays</td>
<td>as per need</td>
</tr>
<tr>
<td>Electric dehorner</td>
<td>as per need</td>
</tr>
<tr>
<td>Saw</td>
<td>2</td>
</tr>
<tr>
<td>Mouth gags</td>
<td>as per need</td>
</tr>
<tr>
<td>Buckets</td>
<td>as per need</td>
</tr>
<tr>
<td>Nose pipe</td>
<td>as per need</td>
</tr>
<tr>
<td>Milk Strainer</td>
<td>as per need</td>
</tr>
<tr>
<td>Drencher</td>
<td>5</td>
</tr>
<tr>
<td>Clinical thermometer</td>
<td>10</td>
</tr>
<tr>
<td>Floor brooder</td>
<td>as per need</td>
</tr>
<tr>
<td>Battery brooder</td>
<td>as per need</td>
</tr>
<tr>
<td>Brooder guard</td>
<td>as per need</td>
</tr>
</tbody>
</table>
• Grower battery      as per need
• Layer battery       as per need
• Chick feeder        as per need
• Grower feeder       as per need
• Layer feeder        as per need
• Hanging feeder      as per need
• Range feeder        as per need
• Chick drinker/waterer as per need
• Grower drinker/waterer as per need
• Adult drinker/waterer as per need
• Earthen waterer     as per need
• Water channel       as per need
• Wing band           as per need
• Leg band            as per need
• Debeaker            2
• Raker               2
• Grinder             2
• Mixer               2
• Vaccinator          5
• Bukhari             as per need

Any other material required for proper and smooth functioning of the farm.
Annexure 1-C

**Equipments, Labware and other material for laboratories:**

- Charts depicting animal systems: Full chart showing animal’s digestive system, Reproductive System, Respiratory system, Circulatory system, Excretory system etc.

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bone sets for each species</td>
<td>1 each</td>
</tr>
<tr>
<td>Microscopes</td>
<td>6</td>
</tr>
<tr>
<td>Skelton of Buffalo, Fowl, dog, sheep/goat</td>
<td>1 each</td>
</tr>
<tr>
<td>Glassware (Slides, petri-dishes, Measuring cylinders, centrifuge, Tubes, flasks, beakers etc.)</td>
<td>as per need</td>
</tr>
<tr>
<td>Electronic weighing balance</td>
<td>1</td>
</tr>
<tr>
<td>Distillation set</td>
<td>1</td>
</tr>
<tr>
<td>Vernier calipers</td>
<td>1</td>
</tr>
<tr>
<td>Binocular Microscopes</td>
<td>1</td>
</tr>
<tr>
<td>pH meter</td>
<td>1</td>
</tr>
<tr>
<td>Staining Jars</td>
<td>15</td>
</tr>
<tr>
<td>Haemocytometer sets</td>
<td>5</td>
</tr>
<tr>
<td>Haemoglobinometer sets</td>
<td>5</td>
</tr>
<tr>
<td>Centrifuge table top type</td>
<td>1</td>
</tr>
<tr>
<td>Microhematocrit tubes</td>
<td>as per need</td>
</tr>
<tr>
<td>Wintrobes sets</td>
<td>2</td>
</tr>
<tr>
<td>Manometers (Mercury)</td>
<td>2</td>
</tr>
<tr>
<td>Sphigmo manometers (dial type)</td>
<td>2</td>
</tr>
<tr>
<td>Thermos flasks</td>
<td>2</td>
</tr>
<tr>
<td>Specimen jars containing different organs of different species</td>
<td>20</td>
</tr>
</tbody>
</table>

The list is only suggestive. Any other equipment/material required for practical training to students as per course curriculum is a must.
Annexure 1-D

**Biochemicals and reagents required for conducting various practical:**

1. Gerber acid
2. Ethyl Alcohol
3. Alizarine
4. Iodine
5. Resorcinol powder/flakes
6. Cone. HCl
7. Cone. H2SO4
8. Ferric chloride solution
9. Paraphenylene – diamine solution
10. Diluted HCl
11. Ethyl alcohol
12. Rosalie acid solution
13. Sodium hypo chloride solution
14. Sodium hydroxide
15. Phenol solution Trichloroacetic acid solution (TCA) – 24 % (w/v)
16. Sodium acetate
17. Acetic acid
18. Sodium carbonate (AR)
19. Sodium bicarbonate
20. Disodium p-nitro phenyl phosphate
21. Methylene blue tablet
22. Buffer solutions
23. Phenolphthalein indicator
24. Iso-amyl alcohol (specific gravity 0.814 – 0.816)
25. Standard sodium hydroxide solution
26. Salicylic acid
27. Phenyl
28. Lead acetate
29. Red iodide of Mercury
30. Acriflavin
31. Giemsa stain
32. Leishman's stain
33. Acetone
34. Boric Acid
35. Iodine
36. Potassium iodide
37. Zinc oxide
38. Zinc sulphate
39. Bismuth subnitras
40. Iodoform, Sulphur
41. Liquid Paraffin
42. Magnesium sulphate
43. Copper sulphate
44. KMNO₄
45. Alcohol etc.
46. Sodium Tri. Poly Phosphate
47. Sodium Nitrate
48. Sodium Nitrite
49. pH paper strips
50. Filter paper Whatman No. – 42

Any other chemical required for the laboratory work
Annexure-1

Requirement of land/ building Infrastructure consisting of Administrative block, Academic building, Hostels, Veterinary Hospital, Livestock farm etc., shall be as per guidelines given below:

INFRASTRUCTURE:

The standards of infrastructure for the affiliating institutes running a single diploma course are:

1. Minimum ten acres of land on long term lease or ownership in the name of institution.
2. Constructed buildings:
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D. Animal farm:
   a. Four acres for animal farm including fodder and pasture facilities. The minimum number for different livestock is as follows:
      1. Cattle = 15-20,
      2. Buffaloe = 15-20
      3. Sheep & goat = 40-60
      4. Poultry = 250-300
   b. Priorities: To train the students with respect to management, nutrition and breeding activities.
   c. Personnel: Farm manager/Farm supervisor, VLDA, Animal attendants (minimum four), sweepers (minimum two) and chowkidar.
   d. Equipment: As per annexure 1-B
   e. Shed/water: As per standard requirements for the specified no. of animals, there should be proper sheds and water arrangement.
   f. Circulation area: Sufficient area should be provided.

E. Standard of the lab attached to the Academic block
   a. Personnel: Lab technician, Lab Attendants (minimum two).
   b. Carpet area: 1200-1500 square feet carpet area each for two laboratories.
   c. Equipment: As per annexure 1-C
   d. Biochemical Reagents & Chemicals: As per annexure 1-D

F. Hostel & recreational facilities:
   a. Hostel must have facilities for 100 students on twin share basis.
b. Accommodation for warden and deputy warden along with hostel

c. Student's mess and common room etc.

**Play grounds & Recreational facilities:**

a. Two acres area for play grounds and required facilities for sports

**RATIO OF CARPETED AREA AND OPEN AND CIRCULATION AREA IN THE CAMPUS SHOULD BE AT LEAST 1:1**

**STAFF:**

a. One Principal (Minimum MVSc)

b. Four faculty members with BVSc

In case more than one diploma course is offered by an affiliated institute it shall have to make modular additions in infrastructure of academic block, laboratory, hostel and in personnel as per specific requirement of the diploma course as per instruction of the Dean COVS LLRUVAS.
**Annexure 1-A**

**Equipments and related material for Veterinary Hospital:**

The attached teaching veterinary hospital should have all the essential facilities required for diagnosis and treatment of medicinal, surgical, gynecological & obstetrical ailments in different animal species. The minimum equipment and other materials are suggested below.

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<td>Whelping set</td>
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</tr>
<tr>
<td>Vaginal speculum</td>
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</tr>
<tr>
<td>A. I. guns</td>
<td>1 set each</td>
</tr>
<tr>
<td>Stomach tubes</td>
<td>2</td>
</tr>
</tbody>
</table>
• Burdizzo casterator  1
• Refrigerator (double door)  1
• Monocular microscope  2
• Binocular microscope  1
• Swab holder  1
• Liquid nitrogen Cylinder (LN2 containers)  1 each
  small and large
• Drenching bottles  2
• Irrigators  2
• Thermometers (simple and digital)  10 each
• Stethoscope  5
• Syringes of various volumes 1 ml to 50 ml  30 each
• Tuberculin syringes  30
• Needles 23, 22, 20, 18, 16, 15 gauges  30 each
• Catheters  as per need
• Insemination catheter  2
• Marble slabs  2
• Spatula (iron, plastic and ebonite)  2
• Mortar and pestle (porcelain and glass)  2
• Stethoscopes for demonstration  10
• Artificial Vagina  8
• Mortar & pestle  2
• Disposable and rubber gloves  as per need
• Suture materials (silk and catgut)  as per need
• Haemocytometer sets  2
• Haemoglobinometer sets  2
• Other accessories for blood, urine and fecal examination
• Biochemicals and reagents required for preparation of lotions, tinchers, ointments etc.
Annexure 1-8

Equipments and related material for Animal farm:

- Shearing and Clipping equipment: 1 set
- Debeaking equipment: 1 set
- Egg Candler: 1
- Egg grading Machine: 1
- Branding set: 1
- Electric clippers: 2
- Lactometer: 4
- Ropes for different halters: as per need
- Bull holder: as per need
- Bull nose punch: as per need
- Trocar: 5
- Body brush: 5
- Metal/plastic tags: as per need
- Tag punch: as per need
- Ear Natcher: 5
- Trays: as per need
- Electric dehorner: as per need
- Saw: 2
- Mouth gags: as per need
- Buckets: as per need
- Nose pipe: as per need
- Milk Strainer: as per need
- Drencher: 5
- Clinical thermometer: 10
- Floor brooder as per need
- Battery brooder as per need
- Brooder guard as per need
- Grower battery as per need
- Layer battery as per need
- Chick feeder as per need
- Grower feeder as per need
- Layer feeder as per need
- Hanging feeder as per need
- Range feeder as per need
- Chick drinker/waterer as per need
- Grower drinker/waterer as per need
- Adult drinker/waterer as per need
- Earthen waterer as per need
- Water channel as per need
- Wing band as per need
- Leg band as per need
- Debeaker 2
- Raker 2
- Grinder 2
- Mixer 2
- Vaccinator 5
- Bukhari as per need

Any other material required for proper and smooth functioning of the farm.
Annexure 1-C

**Equipments, Labware and other material for laboratories:**

- Charts depicting animal systems: Full chart showing animal's digestive system, Reproductive System, Respiratory system, Circulatory system, Excretory system etc.

<table>
<thead>
<tr>
<th>Item</th>
<th>Quantity</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bone sets for each species</td>
<td>1 each</td>
</tr>
<tr>
<td>Microscopes</td>
<td>6</td>
</tr>
<tr>
<td>Skelton of Buffalo, Fowl, dog, sheep/goat</td>
<td>1 each</td>
</tr>
<tr>
<td>Glassware (Slides, petridishes, Measuring cylinders, centrifuge, Tubes, flasks, beakers etc.)</td>
<td>as per need</td>
</tr>
<tr>
<td>Electronic weighing balance</td>
<td>1</td>
</tr>
<tr>
<td>Distillation set</td>
<td>1</td>
</tr>
<tr>
<td>Vernier calipers</td>
<td>1</td>
</tr>
<tr>
<td>Binocular Microscopes</td>
<td>1</td>
</tr>
<tr>
<td>pH meter</td>
<td>1</td>
</tr>
<tr>
<td>Staining Jars</td>
<td>15</td>
</tr>
<tr>
<td>Haemocytometer sets</td>
<td>5</td>
</tr>
<tr>
<td>Haemoglobinometer sets</td>
<td>5</td>
</tr>
<tr>
<td>Centrifuge table top type</td>
<td>1</td>
</tr>
<tr>
<td>Microhematocrit tubes</td>
<td>as per need</td>
</tr>
<tr>
<td>Wintrobes sets</td>
<td>2</td>
</tr>
<tr>
<td>Manometers (Mercury)</td>
<td>2</td>
</tr>
<tr>
<td>Sphigmo manometers (dial type)</td>
<td>2</td>
</tr>
<tr>
<td>Thermos flasks</td>
<td>2</td>
</tr>
</tbody>
</table>
• Specimen jars containing different organs of different species.

The list is only suggestive. Any other equipment/material required for practical training to students as per course curriculum is a must.
Annexure 1-D

Biochemicals and reagents required for conducting various practical:

1. Gerber acid
2. Ethyl Alcohol
3. Alizarine
4. Iodine
5. Resorcinol powder/flakes
6. Cone. HCl
7. Cone. H2SO4
8. Ferric chloride solution
9. Paraphenylenediamine solution
10. Diluted HCl
11. Ethyl alcohol
12. Rosalie acid solution
13. Sodium hypo chloride solution
14. Sodium hydroxide
15. Phenol solution Trichloroacetic acid solution (TCA) – 24 % (w/v)
16. Sodium acetate
17. Acetic acid
18. Sodium carbonate (AR)
19. Sodium bicarbonate
20. Disodium p-nitro phenyl phosphate
21. Methylene blue tablet
22. Buffer solutions
23. Phenolphthalein indicator
24. Isa-amyl alcohol (specific gravity 0.814 – 0.816)
25. Standard sodium hydroxide solution
26. Salicylic acid
27. Phenyl
28. Lead acetate
29. Red iodide of Mercury
30. Acriflavin
31. Giemsa stain
32. Leishman's stain
33. Acetone
34. Boric Acid
35. Iodine
36. Potassium iodide
37. Zinc oxide
38. Zinc sulphate
39. Bismuth subnitras
40. Iodoform, Sulphur
41. Liquid Paraffin
42. Magnesium sulphate
43. Copper sulphate
44. KMNO₄
45. Alcohol etc.
46. Sodium Tri. Poly Phosphate
47. Sodium Nitrate
48. Sodium Nitrite
49. pH paper strips
50. Filter paper Whatman No. – 42

Any other chemical required for the laboratory work
APPLICATION FORM FOR GRANT OF AFFILIATION FOR VETERINARY
LIVESTOCK DEVELOPMENT DIPLOMA COURSE

1. (a) Name of the Institution seeking affiliation.

(b) Full postal address where the institute is or is to be located with pin code; Telephone /fax No; e-mail; website etc.

2. Name of the course(s) and academic year for which affiliation is being sought.

3. Particulars of NOC from Haryana Govt. (attach proof).

4(a) Name and full address of society/trust with proof of registration and a copy of constitution (attach details).

(b) Constitution and composition of the managing committee/governing body and its powers (attach details)

5. Resolution of Managing committee/governing body for opening of an institution for offering Diploma course (attach copy).

6. Details of the other educational/training Institutions being run by the Society/Trust/Organisation.
7. Details of land including total area, in one piece, ownership, exclusive for the institution or being shared. Is it as per Norms, Procedure and Guidelines for affiliation of institutions offering/desirous of starting VLDD course etc. (attach additional sheets with documents/proof). Whether permission of competent authority obtained for 'Land Use' as for establishing educational institution.

8. (a) Building details including covered area, building plan, quality of construction, fire safety, power, water/sewage connection, pollution or any other requirements as per the existing rules and regulations in this regard with proof of approval/certificate from the appropriate authorities to be attached.

(b) Is infrastructure as per Norms, Procedure and Guidelines for affiliation of institutions offering/desirous of starting VLDD course (As per Annexure I)

9. Financial/funding details with respect to funds available, sources of income, future resources, projected expenditure and income, fixed and liquid assets, statements of accounts PAN/TAN No, income tax returns for last three years and other relevant proofs to be attached. Bank guarantee Rs. Fifty lakhs shall have to be submitted to the Dean COCV, LLRUVAS on getting the affiliation.

10. Details of college transport facilities.
1. Teaching non teaching supporting staff recruited as per procedure and Guidelines affiliation of institutions offering/desirous of starting VLDD course.

12. Details (Year, make, date and cost) of equipments and related material for Veterinary Hospital already available/ as per Norms, Procedure & Guidelines for affiliation of institutions offering/desirous of starting VLDD Course (As per Annexure I A)

13. Details of equipment and related material for Animal Farm available in the institution as per Norms, Procedure & Guidelines for affiliation of institutions offering/desirous of starting VLDD Course (As per Annexure I B)

14. Details of equipment, labware and other material for laboratories available in the institution as per Norms, Procedure & Guidelines for affiliation of institutions offering/desirous of starting VLDD Course (As per Annexure I-C)

15. Details of Biochemicals and reagent available in the institution as per Norms, Procedure & Guidelines for affiliation of institutions offering/desirous of starting VLDD Course (As per Annexure I D)

16. Any other relevant information.

Signature of Applicant
(or Authorized Signatory)

Note:
1. The application incomplete in any respect will not be considered.
2. Processing fee of Rs. 2.5 lakhs +50,000 in the form of D.D in favor of Dean COYS LLRUVAS, Hisar payable at Hisar must accompany the application.
3. The application not accompanied by the declaration as per format given on the following page and the undertaking as per annexure -l (by the applicant of the authorized signatory) will be not the considered.
4. Bank guarantee of Rs. Fifty lakhs shall have to be submitted to the Dean COYS,LLRUVAS on getting the affiliation.
5. On grant of affiliation the institution shall have to pay the prescribed Administrative and Academic charges to COYS on yearly basis.
Declaration

On behalf of the ________________-(name of society/trust/agency), ________________Son/daughter of ________________Resident of

do here declare that the particulars in the application for grant of affiliation for VLDD course to ________________-

(name of college/ institution) are correct to the best of my knowledge and belief and that I am prepared to undergo any punishment imposed on me if any of the particulars furnished are found to be false or misleading. I also further declare that I shall abide by the conditions rules and regulative measures imposed by the college/University/ Govt. of Haryana/VCI, GOI from time for granting permission/ affiliation to establish and run this college/institution/VLDD course.

Station: __________________________
Date: ____________________________

Signature of the applicant
(or Authorized Signatory)
Annexure-1

(To be submitted along with the applicant from on a judicial stamp paper of Rs. 1000/- duly attested by first class executive magistrate)

UNDERTAKING

I, ________ S/O Shri ________ of (complete address) do hereby undertake as under:

a) That I will strictly adhere to the rules and regulations framed by College of Veterinary Sciences, Lala Lajpat Rai University of Veterinary and Animal Sciences, Hisar for admissions, management, academic standards or any other matter of the institution in respect of VLOD course.

b) That I will abide by the Haryana Government directions from time to time regarding the admission procedure, fee structure of the students or any other matter in this regard.

c) That I will abide by the Haryana Government rules regarding necessary approval for buildings and abide by the guidelines of Haryana Pollution Control Board /Animal Welfare Board of India or any other appropriate authority.

d) That I will abide by directions of the College of Veterinary Sciences, LLRUVAS, Hisar or Haryana Government to provide necessary records of the College to Inspection Team at the time of scheduled/surprise inspections.

e) That I will abide by the provisions of Right to Information Act, 2005 wherever cable.

f) In case, any of the conditions are not met, the college may be deaffiliated for VLDD Course.

State:
Dated: ____________________________

Signature of Applicant
(Authorized signatory)