

Government of Pakistan

National Vocational and Technical Training Commission

Prime Minister's Hunarmand Pakistan Program

"Skills for All"



Course Contents / Lesson Plan

Course Title: Veterinary Poultry and Dairy Assistant

Duration: 03 Months

Revised Edition

Trainer Name	
Course Title	Veterinary Poultry and Dairy Assistant
Objectives and Expectations	<p>Employable skills and hands-on practice in Veterinary Poultry and Dairy Assistant</p> <p>Veterinary and animal husbandry under the umbrella of agriculture industry are supporting country GDP in many ways and continuously creating opportunities for skilled labor with different trades. Veterinary poultry and dairy assistant skill holders are direly need for above said industry. This course offers a broad, cross-disciplinary learning experience for students looking to pursue careers in veterinary and animal husbandry.</p> <p>In this course, students are introduced with the basic practices involved in veterinary and animal husbandry to achieve better production of livestock and poultry farms. In this course trainees are desired to equip with basic skills involved in following area</p> <ul style="list-style-type: none"> • Physiology of animal’s body system • Management system in context with modern approaches • Feasibility of poultry & livestock farm as business • Dairy & fattening animal breeds characteristics • Care and management of animals in different phases of life • Housing & management of feeding requirement of different classes of animals • Introduction to green fodders, silage, hay making, and concentrate, balanced ration formulation • Routine farm operations, important infectious non-infectious diseases of livestock and their control <p><u>Main Expectations:</u></p> <p>In short, the course under reference should be delivered by professional instructors in such a robust hands-on manner that the trainees are comfortably able to employ their skills for earning money (through wage/self-employment) at its conclusion.</p> <p>This course thus clearly goes beyond the domain of the traditional training practices in vogue and underscores an expectation that a market-centric approach will be adopted as the main driving force while delivering it. The instructors should therefore be experienced enough to be able to identify the training needs for the possible market roles available out there. Moreover, they should also know the strengths and weaknesses of each trainee to prepare them for such market roles during/after the training.</p> <p>i. Specially designed practical tasks to be performed by the trainees have been included in the Annexure-I to this document. The record of all tasks performed individually or in groups must be preserved by the management of the training Institute clearly labeling name, trade, session, etc., so that these are ready to be physically inspected/verified through monitoring visits from time to time. The weekly distribution of tasks has also been indicated in the weekly lesson plan given in this document.</p>

ii. To materialize the main expectations, a special module on **Job Search & Entrepreneurial Skills** has been included in the latter part of this course (5th & 6th month) through which, the trainees will be made aware of the Job search techniques in the local as well as international job markets (Gulf countries). Awareness around the visa process and immigration laws of the most favored labor destination countries also form a part of this module. Moreover, the trainees would also be encouraged to venture into self-employment and exposed to the main requirements in this regard. It is also expected that a sense of civic duties/roles and responsibilities will also be inculcated in the trainees to make them responsible citizens of the country.

iii. A module on **Work Place Ethics** has also been included to highlight the importance of good and positive behavior in the workplace in the line with the best practices elsewhere in the world. An outline of such qualities has been given in the Appendix to this document. Its importance should be conveyed in a format that is attractive and interesting for the trainees such as through PPT slides +short video documentaries. Needless to say that if the training provider puts his heart and soul into these otherwise non-technical components, the image of the Pakistani workforce would undergo a positive transformation in the local as well as international job markets.

To maintain interest and motivation of the trainees throughout the course, modern techniques such as:

- Motivational Lectures
- Success Stories
- Case Studies

These techniques would be employed as an additional training tool wherever possible (these are explained in the subsequent section on Training Methodology).

Lastly, evaluation of the competencies acquired by the trainees will be done objectively at various stages of the training and a proper record of the same will be maintained. Suffice to say that for such evaluations, practical tasks would be designed by the training providers to gauge the problem-solving abilities of the trainees.

(i) Motivational Lectures

The proposed methodology for the training under reference employs motivation as a tool. Hence besides the purely technical content, a trainer is required to include elements of motivation in his/her lecture. To inspire the trainees to utilize the training opportunity to the full and strive towards professional excellence. Motivational lectures may also include general topics such as the importance of moral values and civic role & responsibilities as a Pakistani. A motivational lecture should be delivered with enough zeal to produce a deep impact on the trainees. It may comprise of the following:

- Clear Purpose to convey the message to trainees effectively.
- Personal Story to quote as an example to follow.
- Trainees Fit so that the situation is actionable by trainees and not represent a just idealism.
- Ending Points to persuade the trainees on changing themselves.

A good motivational lecture should help drive creativity, curiosity, and spark the desire needed for trainees to want to learn more.

The impact of a successful motivational strategy is amongst others commonly visible in increased class participation ratios. It increases the trainees'

willingness to be engaged on the practical tasks for a longer time without boredom and loss of interest because they can see in their mind's eye where their hard work would take them in short (1-3 years); medium (3 -10 years) and long term (more than 10 years).

As this tool is expected that the training providers would make arrangements for regular well planned motivational lectures as part of a coordinated strategy interspersed throughout the training period as suggested in the weekly lesson plans in this document.

Course-related motivational lectures online link is available in **Annexure-II**.

(ii) Success Stories

Another effective way of motivating the trainees is using Success Stories. Its inclusion in the weekly lesson plan at regular intervals has been recommended till the end of the training.

A success story may be disseminated orally, through a presentation, or using a video/documentary of someone that has risen to fortune, acclaim, or brilliant achievement. A success story shows how a person achieved his goal through hard work, dedication, and devotion. An inspiring success story contains compelling and significant facts articulated clearly and easily comprehensible words. Moreover, it is helpful if it is assumed that the reader/listener knows nothing of what is being revealed. The optimum impact is created when the story is revealed in the form of:-

- Directly in person (At least 2-3 cases must be arranged by the training institute)
- Through an audio/ videotaped message (2-3 high-quality videos must be arranged by the training institute)

It is expected that the training provider would collect relevant high-quality success stories for inclusion in the training as suggested in the weekly lesson plan given in this document.

The suggestive structure and sequence of a sample success story and its various shapes can be seen in **Annexure III**.

(iii) Case Studies

Where a situation allows, case studies can also be presented to the trainees to widen their understanding of the real-life specific problem/situation and to explore the solutions.

In simple terms, the case study method of teaching uses a real-life case example/a typical case to demonstrate a phenomenon in action and explain theoretical as well as practical aspects of the knowledge related to the same. It is an effective way to help the trainees comprehend in depth both the theoretical and practical aspects of the complex phenomenon in depth with ease. Case teaching can also stimulate the trainees to participate in discussions and thereby boost their confidence. It also makes the classroom atmosphere interesting thus maintaining the trainee interest in training till the end of the course.

Depending on suitability to the trade, the weekly lesson plan in this document may suggest case studies be presented to the trainees. The trainer may adopt a PowerPoint presentation or video format for such case studies whichever is deemed suitable but only those cases must be selected that are relevant and of a learning value.

The Trainees should be required and supervised to carefully analyze the cases.

	<p>For this purpose, they must be encouraged to inquire and collect specific information/data, actively participate in the discussions, and intended solutions to the problem/situation.</p> <p>Case studies can be implemented in the following ways: -</p> <ol style="list-style-type: none"> i. A good quality trade-specific documentary (At least 2-3 documentaries must be arranged by the training institute) ii. Health & Safety case studies (2 cases regarding safety and industrial accidents must be arranged by the training institute) iii. Field visits(At least one visit to a trade-specific major industry/site must be arranged by the training institute)
Entry-level of trainees	<p style="text-align: center;">Matric Science</p>
Learning Outcomes of the course	<p>By the end of this course, students will be able to:</p> <ul style="list-style-type: none"> • Identification of Livestock breeds • Poultry breeds identification • Selection of the animals • Routine farm operations • Preparing hay • Preparing silage • Feeding Management • Housing Management • Drenching/Deworming • Poultry Farm basic operations • Recording body temperature • Perform Vaccination • Medicine dispensing • Body condition scoring and animal selection
Course Execution Plan	<p>The total duration of the course: 6 months (24 Weeks) Class hours: 5 hours per day Theory: 20% Practical: 80% Weekly hours: 25 hours per week Total contact hours: 600 hours</p>
Companies offering jobs in the respective trade	<ol style="list-style-type: none"> 1. Sapphire Dairies 2. SB Group 3. Sabroso Farms 4. Big Bird group 5. Nishat dairy 6. Aspire Dairy farm 7. Sharif Dairies 8. More than 1 million farmers are involved in livestock farms 9. Government and semi government agencies 10. Employment opportunity in national/multinational animal feed marketing companies 11. Employment in opportunity national/multinational animal medicine marketing companies

Job Opportunities	<p>As this sector is highly demanding therefore lots of opportunities with different trade names are available in market</p> <ul style="list-style-type: none"> • Veterinary Assistant • Poultry Farm Assistant • Livestock Farm attendant • Poultry Attendant • Poultry birds handler • Head Shepherd
No of Students	25
Learning Place	Classroom / Lab
Instructional Resources	<ol style="list-style-type: none"> 1) Calf Fattening by Prof. Dr. Makhdum Abdul Jabar 2) Animal & Poultry Feeding by Dr. Makhdum Abdul Jabbar, Dr. Anjum Khalique, Dr. Saeed Ahmad (ICE&E,UVAS) 3) https://www.youtube.com/watch?v=tShzLSc2B poultry farming and diseases 4) https://www.youtube.com/watch?v=zPt8nITkPDo Pakistan Agriculture Forum 5) https://www.youtube.com/watch?v=ptV1nTmdJuQ dairy farming business in Pakistan 6) https://www.youtube.com/watch?v=053zu2_fdUU modern dairy farming in Pakistan 7) https://youtu.be/E9dRBVKLopA simple dairy farming in Pakistan 8) https://youtu.be/athv7wjsYZ4 warriach Dairy Farm Dairy Farming in Pakistan 9) https://youtu.be/moHshNhWxw8 Journey from 15 to 150 only in e years - Dairy Farm owner Review 10) https://youtu.be/BrIXW3KSCQs Rizvi Farm imported cow's success by Nestle Pak

Modules

Scheduled Weeks	Module Title	Days	Learning Units	Home Assignment
Week 1	Introduction of livestock and poultry Breed identification	Day 1	Motivational Lecture (<i>For further detail please see Page No: 3& 4</i>) Course Introduction Job market	Task 1,2 and 3 Details may be seen at Annexure-I
		Day 2	Course Applications Institute/work ethics <ul style="list-style-type: none"> • Importance of livestock in rural and national economy • Identification of Breed characteristics of Indigenous Cattle 	
		Day 3	Identification of Breed characteristics of exotic Cattle	
		Day 4	Identification of Breed characteristics of buffalo	
		Day 5	Identification of Breed characteristics of sheep	
Week 2	Breed Identification Housing system	Day 1	Success stories (<i>For further detail please see Page No: 3& 4</i>) <ul style="list-style-type: none"> • Identification of Breed characteristics of goat 	Task 4 and 5 Details may be seen at Annexure-I
		Day 2	Identification of Breed characteristics of Poultry	
		Day 3	Different housing systems of Livestock animals	
		Day 4	Different housing systems of Livestock animals	
		Day 5	Different housing systems of Poultry	
Week 3	Animals Anatomy and Physiology	Day 1	Motivational Lecture (<i>For further detail please see Page No: 3& 4</i>) <ul style="list-style-type: none"> • Functional anatomy and physiology of digestive system of ruminants 	Task 6 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Functional anatomy and physiology of respiratory system of non-ruminants 	

		Day 3	<ul style="list-style-type: none"> Functional anatomy and physiology of respiratory system of animals 	
		Day 4	<ul style="list-style-type: none"> Functional anatomy and physiology of excretory system of animals 	
		Day 5	<ul style="list-style-type: none"> Functional anatomy and physiology of reproductive system of animals 	
Week 4	Animals Anatomy and Physiology	Day 1	<ul style="list-style-type: none"> Success stories (<i>For further detail please see Page No: 3& 4</i>) Functional anatomy and physiology of respiratory system of birds 	Task 7 and 8 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Functional anatomy and physiology of respiratory system of birds 	
		Day 3	<ul style="list-style-type: none"> Functional anatomy and physiology of excretory system of birds 	
		Day 4	<ul style="list-style-type: none"> Functional anatomy and physiology of reproductive system of birds 	
		Day 5	<ul style="list-style-type: none"> Functional anatomy and physiology of reproductive system of birds 	
Week 5	Poultry and Dairy Nutrition	Day 1	<ul style="list-style-type: none"> Introduction to basic feed ingredients Balance feeding 	Task 9 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Success stories (<i>For further detail please see Page No: 3& 4</i>) Signs of health and disease 	
		Day 3	<ul style="list-style-type: none"> Ration formulation & requirement for different classes 	
		Day 4	<ul style="list-style-type: none"> Introduction to different feed ingredients/ by products 	
		Day 5	<ul style="list-style-type: none"> Importance of balanced feeding and clean water to animals 	
Week 6	Livestock management	Day 1	Motivational Lecture (<i>For further detail please see Page No: 3& 4</i>) <ul style="list-style-type: none"> Care & Management of newborn & young calves 	Task 10 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Calf Back grounding 	

			<ul style="list-style-type: none"> • Gestation in different animals 	
		Day 3	<ul style="list-style-type: none"> • Care & management of lactating animals 	
		Day 4	<ul style="list-style-type: none"> • Care & management of dry animals 	
		Day 5	<ul style="list-style-type: none"> • Care & management of pregnant animals 	
Week 7	Livestock management	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Calving Interval 	Task 11 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Service Period 	
		Day 3	<ul style="list-style-type: none"> • Signs of heat / estrus and time of insemination 	
		Day 4	<ul style="list-style-type: none"> • Selection of breeding bull 	
		Day 5	<ul style="list-style-type: none"> • Advantages and limitations of artificial insemination 	
Week 8	Farm operations	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Dairy Farm operations 	Task 12 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Poultry farm routine operations 	
		Day 3	<ul style="list-style-type: none"> • Temperature, Pulse and Respiration Recording 	
		Day 4	<ul style="list-style-type: none"> • Recording of ruminal movements 	
		Day 5	<ul style="list-style-type: none"> • Personal Hygiene & Safety Measure 	
Week 9	Animal Selection and feasibility of farm	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Body condition Scoring • Selection of breeding bull 	Task 13 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Dairy Animal selection on the base of BCS 	
		Day 3	<ul style="list-style-type: none"> • 50 animal Dairy Farming feasibility 	
		Day 4	<ul style="list-style-type: none"> • 100 animals dairy farming feasibility 	
		Day 5	<ul style="list-style-type: none"> • Feasibility of poultry farm. 	
Week 10	Disease Management	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Non infectious disease of ruminants 	Task 14 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Etiology, Signs and control of Hyperthermia 	

		Day 3	<ul style="list-style-type: none"> Etiology, Signs and control of Ketosis 	
		Day 4	<ul style="list-style-type: none"> Etiology, Signs and control of Hemoglobin Urea 	
		Day 5	<ul style="list-style-type: none"> Etiology, Signs and control of Milk fever 	
Week 11	Basic Farm Operations	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Breed Improvement Program 	Task 15 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Progeny Testing 	
		Day 3	<ul style="list-style-type: none"> Different types of Dairy / Fattening Farm and its management 	
		Day 4	<ul style="list-style-type: none"> Temperature control mechanism of dairy farm 	
		Day 5	<ul style="list-style-type: none"> Record Register at dairy Farm 	
Week 12	Basic Farm Operations	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Introduction to different tools used at dairy farm & its practice 	Task 16 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Identification system in animals Estrus detection in dairy animals at livestock farm 	
		Day 3	<ul style="list-style-type: none"> Dehorning and tagging of animals Hoof Trimming 	
		Day 4	<ul style="list-style-type: none"> Clean milk production, automatic milking system 	
		Day 5	<ul style="list-style-type: none"> Clean milk production, automatic milking system 	
Week 13	Feed Management	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Preparation of silage 	Task 17 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Preparation of hay 	
		Day 3	<ul style="list-style-type: none"> Concentrate and its types 	
		Day 4	<ul style="list-style-type: none"> Urea treatment 	
		Day 5	<ul style="list-style-type: none"> Urea-Molasses Block 	
Week 14	Vaccination	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Formulation of least cost balanced rations for fattening purpose 	Task 18 Details may be seen at Annexure-I

		Day 2	<ul style="list-style-type: none"> • Immunity and its type • Vaccine its types and care/handling 	
		Day 3	<ul style="list-style-type: none"> • Vaccination Schedule of Livestock • Vaccination Schedule of Broiler, Breeder & Layer 	
		Day 4	<ul style="list-style-type: none"> • Vaccination Practice 	
		Day 5	<ul style="list-style-type: none"> • Medication administration for birds 	
Week 15	Disease management	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Infectious diseases and their control 	Task 19 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Mastitis, Anthrax, B.Q, H.S, E.T.T 	
		Day 3	<ul style="list-style-type: none"> • FMD, Pox, CCPP 	
		Day 4	<ul style="list-style-type: none"> • Winter season fodder cultivation plan • Summer season fodder cultivation plan • Modern hybrid fodders 	
		Day 5	<ul style="list-style-type: none"> • Castration Techniques 	
Week 16	Poultry farm management	Day 1	Motivational Lecture (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Biosecurity • Back yard Poultry Farming, cage farming, conventional farming 	Task 20 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> • Control Poultry Housing • Routine poultry farm operations 	
		Day 3	<ul style="list-style-type: none"> • Preparation of poultry farm before arrival of chicks 	
		Day 4	<ul style="list-style-type: none"> • Management of poultry at starter stage (routine work) 	
		Day 5	<ul style="list-style-type: none"> • Visit of poultry farm 	
Week 17	Poultry farm management	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> • Management of poultry at growing stage (routine operation) 	Task 21 Details may be seen at Annexure-I

		Day 2	<ul style="list-style-type: none"> Management of poultry at finishing stage (routine Operation) 	
		Day 3	<ul style="list-style-type: none"> Debeaking 	
		Day 4	<ul style="list-style-type: none"> Poultry farm sanitization & disinfection 	
		Day 5	<ul style="list-style-type: none"> Disposal of dead & morbid animal 	
Week 18	Farm management operations	Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Internal parasites (Trematodes, Nematodes, Cestodes) and their control 	Task 22 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Deworming practice 	
		Day 3	<ul style="list-style-type: none"> Dipping 	
		Day 4	<ul style="list-style-type: none"> Management & first aid treatment of wound 	
		Day 5	<ul style="list-style-type: none"> Management & first aid treatment of horn 	
Week 19			Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Handling and history taking of sick animal at clinic 	Task 23 Details may be seen at Annexure-I
		<ul style="list-style-type: none"> Medicine dispensing at clinic 		
		<ul style="list-style-type: none"> Vaccination and deworming campaign 		
		<ul style="list-style-type: none"> Visit of Modern dairy farm 		
		<ul style="list-style-type: none"> Fattening Cycle 		
Week 20		Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Antipyretics Analgesics 	Task 24 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Principal / caution for use of medicines/antibiotics 	
		Day 3	<ul style="list-style-type: none"> Computerized record keeping 	
		Day 4	<ul style="list-style-type: none"> Milk processing 	
		Day 5	<ul style="list-style-type: none"> Reproductive diseases control 	
Week 21		Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Record keeping at dairy/ Hospital 	Task 25 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Handling & Preparation of 	

			Animals at Clinics	
		Day 3	<ul style="list-style-type: none"> Handling & Preparation of Animals at Clinics 	
		Day 4	<ul style="list-style-type: none"> Dairy Farm Operations & Record Keeping 	
		Day 5	<ul style="list-style-type: none"> Dairy Farm Operations & Record Keeping 	
Week 22		Day 1	Success stories (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Assistance / hand on practice in routine work at Dairy / production farm 	Task 26 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Assistance / hand on practice in routine work at Dairy / production farm 	
		Day 3	<ul style="list-style-type: none"> Assistance / hand on practice in routine work at Dairy / production farm 	
		Day 4	<ul style="list-style-type: none"> Assistance / hand on practice in routine work at Dairy / production farm 	
		Day 5	<ul style="list-style-type: none"> Assistance / hand on practice in routine work at Dairy / production farm 	
Week 23		Day 1	Motivational lecture (For further detail please see Page No: 3& 4) <ul style="list-style-type: none"> Assistance hand on practice at clinics/hospitals and log book maintenance 	Task 27 & 28 Details may be seen at Annexure-I
		Day 2	<ul style="list-style-type: none"> Assistance hand on practice at clinics/hospitals and log book maintenance 	
		Day 3	<ul style="list-style-type: none"> Assistance hand on practice at clinics/hospitals and log book maintenance 	
		Day 4	<ul style="list-style-type: none"> Assistance hand on practice at clinics/hospitals and log book maintenance 	
		Day 5	<ul style="list-style-type: none"> Assistance hand on practice at clinics/hospitals and log book maintenance 	
Week 24	Final Term			

Annexure I

Tasks For Certificate in Veterinary poultry and dairy Assistant

Task No.	Task	Description	Week
1.	Find scope of veterinary assistant	Search three leading market players of sector	Week 1
2.	Find career path	Prepare a career path related to your course and highlight the emerging trends in the local as well as international market	
3.	Identify different breed	Prepare chart of different breeds of livestock animals	
4.	Identify different breed	Prepare chart of different breeds of Poultry	Week 2
5.	Identify different Housing system	Visit different housing system of poultry and prepare report.	
6.	Identify different Housing system	Visit different housing system of livestock animals and prepare report.	Week 3
7.	Draw respiratory system	Draw respiratory system and label diagram	Week 4
8.	Identify functions of digestive system of animals	Draw label diagram with function of different parts.	
9.	Identify different feeding ingredients	Prepare list of different ingredients involved in balance feed	Week 5
10.	Visit fattening farm	Prepare visit report and highlight different management task of Veterinary assistant	Week 6
11.	Search different semen production units	Prepare list of different operation unit for semen production in country	Week 7
12.	Visit poultry farm	Prepare report for responsibilities of poultry assistant	Week 8
13.	Prepare feasibility of livestock farm	Prepare 50 animals feasibility for fattening purpose	Week 9
14.	Search zoonotic diseases.	Preapre charts for zoonotic diseases and possible solutions	Week 10
15.	Prepare records.	Maintain different record registers at farm	Week 11
16.	Visit milking parlor	Prepare detailed video of different parts and their function in milking parlor	Week 12
17.	Identify different fodder preservation process.	Prepare different preservation practices illustration chart	Week 13
18.	Identify vaccine.	Prepare vaccine charts of different animals and birds	Week 14

19.	Identify different diseases of small ruminants	Prepare disease management charts.	Week 15
20.	Visit poultry farm	Highlight importance of biosecurity. Draw map of farm illustration different sections.	Week 16
21.	Identify different Birds management operation.	Prepare schedule chart of bird's management operations.	Week 17
22.	Identify parasites and pest	Enlist different parasites and management protocols	Week 18
23.	Visit dairy farm.	Prepare reports on weaknesses and strengths of visited farm	Week 19
24.	Visit milk processing plant	Enlist different products after milk processing and highlight their value addition impact	Week 20
25.	Maintain farm records	Prepare log books and stock registers	Week 21
26.	Visit dairy farm.	Prepare report on daily farm operations.	Week 22
27.	Visit veterinary clinic	Maintain history and drug administration records of clinic	Week 23
28.	Perform first aid to animals.	Prepare first aid box tools list	
29.	Final Term		Week 24

**Motivational Lectures
Veterinary Poultry & Dairy Assistant**

What Is the Role of Good Manners in the Workplace? By Qasim Ali Shah | In Urdu

<https://www.youtube.com/watch?v=Qi6Xn7yKIIQ>

Hisham Sarwar Motivational Story | Pakistani Freelancer

https://www.youtube.com/watch?v=CHm_BH7xAXk

21 Yr Old Pakistani Fiverr Millionaire | 25-35 Lakhs a Month Income | Interview

<https://www.youtube.com/watch?v=9WrmYYhr7S0>

Failure to Millionaire - How to Make Money Online | Fiverr Superhero Aaliyaan Success Story

<https://www.youtube.com/watch?v=d1hocXWSpus>

Livestock farmer success story as a motivation

<https://youtu.be/v8jCqNezFB8>

Ali cattle farm success story as a motivation

https://youtu.be/p_FoV3enhVg

Annexure-II

SUGGESTIVE FORMAT AND SEQUENCE ORDER OF MOTIVATIONAL LECTURE.

Mentor

Mentors are provided an observation checklist form to evaluate and share their observational feedback on how students within each team engage and collaborate in a learning environment. The checklist is provided at two different points: Once towards the end of the course. The checklists are an opportunity for mentors to share their unique perspective on group dynamics based on various team activities, gameplay sessions, pitch preparation, and other sessions, giving insights on the nature of communication and teamwork taking place and how both learning outcomes and the student experience can be improved in the future.

Session- 1 (Communication):

Please find below an overview of the activities taking place Session plan that will support your delivery and an overview of this session's activity.

Session- 1 OVERVIEW
Aims and Objectives:
<ul style="list-style-type: none"> To introduce the communication skills and how it will work Get to know mentor and team - build rapport and develop a strong sense of a team Provide an introduction to communication skills Team to collaborate on an activity sheet developing their communication, teamwork, and problem-solving Gain an understanding of participants' own communication skills rating at the start of the program

Activity:	Participant Time	Teacher Time	Mentor Time
Intro Attend and contribute to the scheduled.			
Understand good communication skills and how it works.			
Understand what good communication skills mean			
Understand what skills are important for good communication skills			
Key learning outcomes:	Resources:	Enterprise skills developed:	
<ul style="list-style-type: none"> Understand the communication skills and how it works. Understand what communication skills mean Understand what skills are important for communication skills 	<ul style="list-style-type: none"> Podium Projector Computer Flip Chart Marker 	<ul style="list-style-type: none"> Communication Self Confidence Teamwork 	

Schedule	Mentor Should do
Welcome: 5 min	Short welcome and ask the Mentor to introduce him/herself. Provide a brief welcome to the qualification for the class. Note for Instructor : Throughout this session, please monitor the session to ensure nothing inappropriate is being happened.
Icebreaker: 10 min	Start your session by delivering an icebreaker, this will enable you and your team to start to build rapport and create a team presentation for the tasks ahead. The icebreaker below should work well at introductions and encouraging communication, but feel free to use others if you think they are more appropriate. It is important to encourage young people to get to know each other and build strong team links during the first hour; this will help to increase their motivation and communication throughout the sessions.
Introduction & Onboarding: 20mins	Provide a brief introduction of the qualification to the class and play the “Onboarding Video or Presentation”. In your introduction cover the following: 1. Explanation of the program and structure. (Kamyab jawan Program) 2. How you will use your communication skills in your professional life. 3. Key contacts and key information – e.g. role of teacher, mentor, and SEED. Policies and procedures (user agreements and “contact us” section). Everyone to go to the Group Rules tab at the top of their screen, read out the rules, and ask everyone to verbally agree. Ensure that the consequences are clear for using the platform outside of hours. (9am-8pm) 4. What is up next for the next 2 weeks ahead so young people know what to expect (see pages 5-7 for an overview of the challenge). Allow young people to ask any questions about the session topic.
Team Activity Planning: 30 minutes	MENTOR: Explain to the whole team that you will now be planning how to collaborate for the first and second collaborative Team Activities that will take place outside of the session. There will not be another session until the next session so this step is required because communicating and making decisions outside of a session requires a different strategy that must be agreed upon so that everyone knows what they are doing for this activity and how. <ul style="list-style-type: none"> • “IDENTIFY ENTREPRENEURS” TEAM ACTIVITY • “BRAINSTORMING SOCIAL PROBLEMS” TEAM ACTIVITY” <i>As a team, collaborate on a creative brainstorm on social problems in your community. Vote on the areas you feel most passionate about as a team, then write down what change you would like to see happen.</i> Make sure the teams have the opportunity to talk about how they want to work as a team through the activities e.g. when they want to complete the activities, how to communicate, the role of the project manager, etc. Make sure you allocate each young person a specific week that they are the project manager for the weekly activities and make a note of this. Type up notes for their strategy if this is helpful - it can be included underneath the Team Contract.
Session Close: 5 minutes	MENTOR: Close the session with the opportunity for anyone to ask any remaining questions. Instructor: Facilitate the wrap-up of the session. A quick reminder of what is coming up next and when the next session will be.

MOTIVATIONAL LECTURES LINKS.

<u>TOPIC</u>	<u>SPEAKER</u>	<u>LINK</u>
How to Face Problems In Life	Qasim Ali Shah	https://www.youtube.com/watch?v=OrQte08MI90
Just Control Your Emotions	Qasim Ali Shah	https://www.youtube.com/watch?v=JzFs_vJt-w
How to Communicate Effectively	Qasim Ali Shah	https://www.youtube.com/watch?v=PhHAQEGehKc
Your ATTITUDE is Everything	Tony Robbins Les Brown David Goggins Jocko Willink Wayne Dyer Eckart Tolle	https://www.youtube.com/watch?v=5fS3rj6eIFg
Control Your EMOTIONS	Jim Rohn Les Brown TD Jakes Tony Robbins	https://www.youtube.com/watch?v=chn86sH0O5U
Defeat Fear, Build Confidence	Shaykh Atif Ahmed	https://www.youtube.com/watch?v=s10dzfbozd4
Wisdom of the Eagle	Learn Kurooji	https://www.youtube.com/watch?v=bEU7V5rJTtw
The Power of ATTITUDE	Titan Man	https://www.youtube.com/watch?v=r8LJ5X2ejqU
STOP WASTING TIME	Arnold Schwarzenegger	https://www.youtube.com/watch?v=kzSBrJmXqdg
Risk of Success	Denzel Washington	https://www.youtube.com/watch?v=tbnzAVRZ9Xc

SUCCESS STORY

S. No	Key Information	Detail/Description
1.	Self & Family background	<p>Mr. Nadir, who lives in Okara Punjab, is an example of how dedication and hard work create success stories. Nadir belongs to a family involved in agriculture business.</p> <p>Nadir done his matric from native village school and started searching skill based opportunities in different sector. His uncle referred him to a veterinary doctor for future consultation. With help of his uncle, he decided to get admission in NAVTTC skill for all project in UVAS Ravi Campus pattoki for Veterinary Poultry & Dairy Assistant training course.</p> <p>After completion of his course he started door to door services of his learned skills in his native area. Meanwhile he has started to rear small ruminants for fattening purpose. In 2020, he started his business with 50 bucks. On coming Eid with just 5 months fattening schedule he earned 150% of reward in form of money.</p>
2.	How he came on board NAVTTC Training/ or got trained through any other source	Certification in <u>Veterinary Poultry & Dairy Assistant</u> from UVAS(NAVTTC partner institute)
3.	Post-training activities	<p>Mr. Nadir, started fattening business of small ruminants in his native town. He select animals after Eid ul adha and reared them according to learned skills and sold flock on coming Eid with much higher rates than normal market rates.</p> <p>He used social media as a tool for success and after a year his customer's bank expands from his native town to Punjab province. He with his dedication and hard work created a success story. With very limited resources but strong grip on his skills he started a business and just after two years he is operating a farm with four time larger size of first flock.</p>
4.	Message to others (under training)	<p>Take the training opportunity seriously Impose self-discipline and ensure regularity Make Hard work pays in the end so be always ready for the same.</p>

Note: Success story is a source of motivation for the trainees and can be presented in several ways/forms in a NAVTTC skill development course as under: -

1. To call a passed out successful trainee of the institute. He will narrate his success story to the trainees in his own words and meet trainees as well.
2. To see and listen to a recorded video/clip (5 to 7 minutes) showing a successful trainee Audio-video recording that has to cover the above-mentioned points.*
3. The teacher displays the picture of a successful trainee (name, trade, institute, organization, job, earning, etc) and narrates his/her story in the teacher's own motivational words.

* *The online success stories of renowned professional can also be obtained from **Annex-II***

Workplace/Institute Ethics Guide

Work ethic is a standard of conduct and values for job performance. The modern definition of what constitutes good work ethics often varies. Different businesses have different expectations. Work ethic is a belief that hard work and diligence have a moral benefit and an inherent ability, virtue, or value to strengthen character and individual abilities. It is a set of values-centered on the importance of work and manifested by determination or desire to work hard.

The following ten work ethics are defined as essential for student success:

1. Attendance:

Be at work every day possible, plan your absences don't abuse leave time. Be punctual every day.

2. Character:

Honesty is the single most important factor having a direct bearing on the final success of an individual, corporation, or product. Complete assigned tasks correctly and promptly. Look to improve your skills.

3. Team Work:

The ability to get along with others including those you don't necessarily like. The ability to carry your weight and help others who are struggling. Recognize when to speak up with an idea and when to compromise by blend ideas together.

4. Appearance:

Dress for success set your best foot forward, personal hygiene, good manner, remember that the first impression of who you are can last a lifetime

5. Attitude:

Listen to suggestions and be positive, accept responsibility. If you make a mistake, admit it. Values workplace safety rules and precautions for personal and co-worker safety. Avoids unnecessary risks. Willing to learn new processes, systems, and procedures in light of changing responsibilities.

6. Productivity:

Do the work correctly, quality and timelines are prized. Get along with fellows, cooperation is the key to productivity. Help out whenever asked, do extra without being asked. Take pride in your work, do things the best you know-how. Eagerly focuses energy on accomplishing tasks, also referred to as demonstrating ownership. Takes pride in work.

7. Organizational Skills:

Make an effort to improve, learn ways to better yourself. Time management; utilize time and resources to get the most out of both. Take an appropriate approach to social interactions at work. Maintains focus on work responsibilities.

8. Communication:

Written communication, being able to correctly write reports and memos.
Verbal communications, being able to communicate one on one or to a group.

9. Cooperation:

Follow institute rules and regulations, learn and follow expectations. Get along with fellows, cooperation is the key to productivity. Able to welcome and adapt to changing work situations and the application of new or different skills.

10. Respect:

Work hard, work to the best of your ability. Carry out orders, do what's asked the first time. Show respect, accept, and acknowledge an individual's talents and knowledge. Respects diversity in the workplace, including showing due respect for different perspectives, opinions, and suggestions.