

**UNIVERSITY OF MADRAS**  
**M.Sc. DEGREE PROGRAMME IN ZOOLOGY**  
 SYLLABUS WITH EFFECT FROM 2023-2024

**931SEC1**

**SKILL ENHANCEMENT COURSES**

**( SELECT ONE FOR SEMESTER I, II, III )**

<b>Course Objectives:</b>		
The main objectives of this course is		
Students should know basic concepts in Poultry Farming		
<b>Course</b>	:	<b><u>Skill Enhancement Course – 1</u></b>
<b>Course title</b>	:	<b>Poultry Farming</b>
<b>Credits</b>	:	<b>2</b>
<b>Pre-requisite:</b>		
Students should be aware of economic and cultural importance of Poultry farming.		
<b>Expected Course Outcome:</b>		
Upon completion of this course, Students would have		
I	To understand the various practices in Poultry farming. To know the needs for Poultry farming and the status of India in global market.	<b>K2 &amp; K3</b>
II	To be able to apply the techniques and practices needed or Poultry farming.	<b>K1, K2 &amp; K3</b>
III	To know the difficulties in Poultry farming and be able to propose plans against it.	<b>K5 &amp; K6</b>

**K1-** Remember; **K2-** Understand; **K3-** Apply; **K4-**Analyze; **K5-**Evaluate; **K6-** Create

<b>Units</b>	
<b>I</b>	General introduction to poultry farming - Definition of Poultry - Past and present scenario of poultry industry in India - Principles of poultry housing - Poultry houses - Systems of poultry farming
<b>II</b>	Management of chicks - growers and layers - Management of Broilers. - Preparation of project report for banking and insurance.
<b>III</b>	Poultry feed management-Principles of feeding, Nutrient requirements for different stages of layers and broilers - Feed formulation and Methods of feeding.
<b>IV</b>	Poultry diseases-viral, bacterial, fungal and parasitic (two each); symptoms, control and management; Vaccination programme.
<b>V</b>	Selection, care and handling of hatching eggs - Egg testing. Methods of hatching.- Brooding and rearing -. Sexing of chicks. - Farm and Water Hygiene - Recycling of poultry waste.
<b>Reading list</b>	
1. Sreenivasaiah., P. V., 2015. Textbook of Poultry Science. 1st Edition. Write & Print Publications, New Delhi 2. 2. Jull A. Morley, 2007. Successful Poultry Management. 2nd Edition. Biotech Books, New Delhi" 3. Hurd M. Louis, 2003. Modern Poultry Farming. 1st Edition. International Book	

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Distributing Company, Lucknow."  
4. Life and General Insurance Management"

<b>Mapping with Programme Outcomes*</b>										
<b>Cos</b>	<b>PO1</b>	<b>PO2</b>	<b>PO3</b>	<b>PO4</b>	<b>PO5</b>	<b>PO6</b>	<b>PO7</b>	<b>PO8</b>	<b>PO9</b>	<b>PO10</b>
<b>CO1</b>	S	L	L	L	L	L	S	S	L	L
<b>CO2</b>	S	L	M	M	S	M	M	M	S	S
<b>CO3</b>	S	M	M	M	S	S	S	S	M	M
<b>CO4</b>	S	S	S	L	S	S	S	S	S	S
<b>CO5</b>	S	S	M	S	S	S	M	L	S	M

\*S - Strong; M - Medium; L – Low