ST.JOSEPH'S COLLEGE FOR WOMEN (AUTONOMOUS), VISAKHAPATNAMIII SemesterSKILL DEVELOPMENT COURSETime:2Hrs./weekPF 3001 (2)POULTRY FARMINGMarks:50

w.e.f. 20AH Batch (2020-21Admitted Batch)

Objectives: To enable the students to

- 1. Acquire knowledge about the care and management of poultry.
- 2. Discuss the feeding, breeding, hatching and rearing of fowls.
- 3. Discuss the rearing techniques of commercially important species.
- 4. Understand the field level structure and functioning of insurance sector and it's role in protecting the risks.

Learning Outcomes: By the end of the course, students will be able to

- 1. Explain the nutritional aspects, methods of feeding, formulating poultry feed.
- 2. Develop an overview on the rearing techniques of commercially important species.
- 3. Comprehend the causes and symptoms of poultry diseases.
- 4. Comprehend pertaining skills and their application for promoting insurance coverage

SYLLABUS:

Section - I (Introduction to Poultry Farming): 10Hrs

- 1.1 General introduction to poultry farming -Definition of Poultry; Past and present scenario of poultry industry in India.
- 1.2 Principles of poultry housing. Poultry houses. Systems of poultry farming.
- 1.3 Management of chicks, growers and layers. Management of Broilers.
- 1.4 Preparation of project report for banking and insurance

Section - II (Feed and Livestock Health Management): 10 Hrs

- 2.1 Poultry feed management Principles of feeding, Nutrient requirements for different stages of layers and broilers. Feed formulation and Methods of feeding.
 - 2.2Poultry diseases viral, bacterial, fungal and parasitic (two each);

symptoms, control andmanagement; Vaccination programme.

Section- III: (Harvesting of Eggs and Sanitation): 10 Hrs

- 3.1 Selection, care and handling of hatching eggs. Egg testing. Methods of hatching.
 - 3.2Brooding and rearing. Sexing of chicks.
 - 3.3Farm and Water Hygiene, Recycling of poultry waste.

Co-curricular Activities Suggested: (4 hrs)

- 1. Group discussion& SWOT analysis
- 2. Visit to a poultry farm

- 3. Invited Lectures by Concerned officers of government or private farms
- 4. Cheap and Healthy Feed preparation by students based on government standards
- 5. Market study and Survey (Monitoring of daily price hike in poultry market and analysis)
- 6. Online SwayamMoocs course on poultry farming (see reference 9 below)

Reference books:

- 1. Sreenivasaiah., P. V., 2015. Textbook of Poultry Science. 1st Edition. Write & Print Publications, New Delhi
- 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 Distributing Company, Lucknow."
- 4. Life and General Insurance Management, "
- 5. Financial services, Tata McGraw hill
- 6. http://www.asci-india.com/BooksPDF/Small%20Poultry%20Farmer.pdf
- 7. <u>https://nsdcindia.org/sites/default/files/MC_AGR-Q4306_Small-poultry-farmer-.pdf</u>
- 8. http://ecoursesonline.iasri.res.in/course/view.php?id=335
- 9. <u>https://swayam.gov.in/nd2_nou19_ag09/preview</u>