Introduction:

The Department of Poultry Science in Veterinary College and Research Institute, Namakkal was started during the year 1985 and continuously offering Undergraduate Education (B.V.Sc. & A.H.), the Post-Graduate courses viz. M.V.Sc. and Ph.D. were started from 1993 and 1995 onwards, respectively. The multifaceted activities of this Department are,

1) U.G. and P.G. education,
2) Centre of Advanced Faculty Training in Avian Sciences (ICAR Scheme),
3) Maintaining Poultry Farm Complex,
4) Maintaining Hatchery for supplying day-old chicks of several poultry species,
5) U.G. co-ordination activities (2006-07 batch),
6) Carrying out Post-Graduate and need based researches and
7) Extension activities.

Under VCI syllabus, one U.G. course, LPM 322 - Avian breeding, feeding and management (3+1) is offered for B.V.Sc. & A.H. students in sixth semester. However, in the present VCI pattern, the number of courses is increased into two.

1) LPM 211 Avian Production and Management (1+1) and 2) LPM 221 - Commercial Poultry Production and Hatchery Management (1+1).

For M.V.Sc. students 8 courses are offered each year. So far, 42 M.V.Sc. students and 9 Ph.D. scholars obtained their degree and five are in progress. Apart from routine Department’s Post-Graduate research activities, other externally funded research schemes and Tamil Nadu State Council for Science and Technology research projects were carried out in this Department.

Objectives

- To impart teaching for Under Graduate, Post Graduate and Doctoral Programmes.
- To conduct research programmes for M.V.Sc., and Ph.D., Scholars
- Farm advisory services.
- Conducting training programme to the progressive farmers.

Objectives of CAFT

To enhance the competence to undertake advanced education and research activities and training of scientists / faculty members during each five year plan periods.
Faculty: Name and Designation (as on 30.09.2011):

1. Dr. S.C. Edwin, Ph.D.,
   Professor cum Director i/c,
   Department of Poultry Science,
   Veterinary College and Research Institute,
   Namakkal – 637 002,
   Tamil Nadu.

2. Dr. M. Moorthy, Ph.D.,
   Associate Professor,
   Department of Poultry Science,
   Veterinary College and Research Institute,
   Namakkal – 637 002,
   Tamil Nadu.

3. Dr. R. Amutha, Ph.D.,
   Associate Professor,
   Department of Poultry Science,
   Veterinary College and Research Institute,
   Namakkal – 637 002,
   Tamil Nadu.

4. Dr. K. Rajendran, M.V.Sc.,
   Assistant Professor,
   Department of Poultry Science,
   Veterinary College and Research Institute,
   Namakkal – 637 002,
   Tamil Nadu.

Human Resources Development: Particulars of Short courses / Training program for HRD conducted during XI plan period:

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Name of the programme</th>
<th>Period</th>
<th>No. of Participants</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td>Internal</td>
</tr>
<tr>
<td>1.</td>
<td>Application of newer</td>
<td>28.11.20 07 to 18.12.20 07</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td>concepts in breeder flock and hatchery management</td>
<td></td>
<td></td>
</tr>
<tr>
<td>2.</td>
<td>Alternate poultry production systems for socio-economic</td>
<td>06.02.20 08 to</td>
<td>3</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
3. Strategies to overcome the emerging health and nutritional challenges in poultry production

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of the equipment</th>
<th>Cost (Rs. In lakh)</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2009</td>
<td>Plain paper copier</td>
<td>1.0</td>
<td>2.50</td>
</tr>
<tr>
<td>04.02.2009</td>
<td>LCD projector (Wall mount)</td>
<td>1.5</td>
<td></td>
</tr>
<tr>
<td>03.03.2010</td>
<td>Capacity building for augmenting poultry production in the present global scenario</td>
<td>3</td>
<td>8</td>
</tr>
<tr>
<td>24.11.2010</td>
<td>Challenges and constraints in poultry production and their mitigation</td>
<td>3</td>
<td>17</td>
</tr>
<tr>
<td>09-29 Nov., 2011</td>
<td>Emerging Trends in Diversified Poultry Production</td>
<td></td>
<td>19</td>
</tr>
</tbody>
</table>

06. Infrastructures developed (equipment etc)

<table>
<thead>
<tr>
<th>Year</th>
<th>Name of the equipment</th>
<th>Cost (Rs. In lakh)</th>
<th>Total Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>2008-2009</td>
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</tr>
<tr>
<td>09-29 Nov., 2011</td>
<td>Emerging Trends in Diversified Poultry Production</td>
<td></td>
<td>19</td>
</tr>
</tbody>
</table>

07. Renovation of lecture Room / Laboratories: Nil

08. Library upgraded:

1. Latest text books on poultry production and management, nutrition and feeding, poultry genetics and breeding, poultry products technology and poultry disease control and health are available in the library.
2. Video cassettes covering on various aspects of poultry production and management were purchased and maintained for instructional purpose.

3. Prepared slides on various aspects of poultry production and marketing for instructional purpose.

09. Award and Recognition: Nil

2007-2008

International article


Indian Journal


**2008-2009**

**International articles**


**National articles**


**2009-2010**

**International articles**


**National articles**


2010-2011

National articles


Training manuals

<table>
<thead>
<tr>
<th>S.No.</th>
<th>Title</th>
<th>Training Period</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>Application of newer concepts in breeder flock and hatchery management</td>
<td>28.11.2007 to 18.12.2007</td>
</tr>
<tr>
<td>2</td>
<td>Alternate poultry production systems for socio-economic development</td>
<td>06.02.2008 to 26.02.2008</td>
</tr>
<tr>
<td>3</td>
<td>Strategies to overcome the emerging health and nutritional challenges in poultry production</td>
<td>12.11.2008 to 02.12.2008</td>
</tr>
<tr>
<td>4</td>
<td>Technological advances in value added poultry production</td>
<td>04.02.2009 to 24.02.2009</td>
</tr>
<tr>
<td>5</td>
<td>Capacity building for augmenting poultry production in the present global scenario</td>
<td>03.03.2010 to 23.03.2010</td>
</tr>
<tr>
<td>6</td>
<td>Challenges and constraints in poultry production and their mitigation</td>
<td>24.11.2010 to 14.12.2010</td>
</tr>
</tbody>
</table>
Other publication in regional language- (Tamil) for the benefit of the poultry farming community

i. Book : Egg recipe

ii. Booklets : 1. Vaccines and vaccinations in poultry
                2. Turkey and Emu farming
                3. Scientific processing of chicken
                4. Summer management of layer chicken

iii. Pamphlets : 1. Nutritive value of egg
                2. Egg preservation technology
                3. Farm level egg preservation methods
                4. Feeding of chicken during feed storage period
                5. Egg products preparation
                6. Research findings applicable to the farming community

Financial Statement

Expenditure under CAFT during XI plan

<table>
<thead>
<tr>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Cost of personnel</td>
<td>2,46,303.00</td>
<td>3,28,350.00</td>
<td>3,83,534.00</td>
<td>3,22,760.00</td>
<td>-</td>
</tr>
<tr>
<td>Operating cost of the training</td>
<td>2,66,338.00</td>
<td>3,25,762.00</td>
<td>1,20,740.00</td>
<td>2,74,857.00</td>
<td>-</td>
</tr>
<tr>
<td>Recurring Contingency</td>
<td>1,99,821.00</td>
<td>1,99,995.00</td>
<td>1,50,030.00</td>
<td>1,41,967.00</td>
<td>29,968.00</td>
</tr>
<tr>
<td>Non recurring Contingency</td>
<td>-</td>
<td>2,42,790.00</td>
<td>-</td>
<td>-</td>
<td>-</td>
</tr>
<tr>
<td>----------------------------</td>
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<td>---</td>
<td>---</td>
<td>---</td>
</tr>
<tr>
<td>TA</td>
<td>1,276.00</td>
<td>38,020.00</td>
<td>25,966.00</td>
<td>2,357.00</td>
<td>14,137.00</td>
</tr>
<tr>
<td>Library</td>
<td>43,122.00</td>
<td>8,359.00</td>
<td>3,971.00</td>
<td>22,846.00</td>
<td>-</td>
</tr>
<tr>
<td><strong>Total</strong></td>
<td><strong>7,54,858.00</strong></td>
<td><strong>11,43,276.00</strong></td>
<td><strong>6,84,241.00</strong></td>
<td><strong>7,64,787.00</strong></td>
<td><strong>44,105.00</strong></td>
</tr>
</tbody>
</table>

Sd/- Dr.S.C. Edwin  
Professor cum Director i/c,  
CAFT in Avian Sciences,  
Veterinary College and Research Institute,  
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