# **Training Programmes Organized**

### 2007-2008

Winter School on 'Recent techniques in feed and fodder evaluation for assessing feed quality and safety' November 21 to December 11, 2007.

## 2008-2009

- A winter school on 'Harnessing microbial diversity for use in animal nutrition' was organized from 4<sup>th</sup> November to 24<sup>th</sup> November, 2008
- Launch Workshop cum Training Programme on 'Estimation of Methane emission under different feeding systems and development of mitigation strategies' under the Outreach/Network programme from 17<sup>th</sup> to 21<sup>st</sup> March 2009 held at the National Institute of Animal Nutrition and Physiology, Adugodi Bangalore.
- Workshop cum training programme on 'Nutrient analysis and quality control of feeds and fodder' from 23-28, June 2009 and 21-26, July 2009 for technical staff of KMF.
- Workshop on 'Value addition of maize and its byproducts' at NIANP, Bangalore on 25.3.2009.
- Workshop cum training programme on 'Data management and Biostatistics using SPSS statistical package' at NIANP from 12-13 December, 2008

### 2009-2010

- Winter school on 'Genomic and Proteomic Tools for Animal Reproduction Research' sponsored by ICAR was held at our institute from 10.11.2009 to 30.11.2009.
- A training program on 'Research Methodology, Data Management and Biostatistics' was conducted from 8-9<sup>th</sup> January 2010,
- Model training course for field veterinarians on "Assisted reproductive techniques for practical application" was organized at the institute from 4<sup>th</sup> to 11<sup>th</sup> September, 2009.
- Model training course on Recent advances in Practical Livestock Nutrition from 18 August to 25 August 2009

# 2010-2011

- Training program on program on Research Methodology, data management and Biostatistics was conducted from 10-11<sup>th</sup> December 2010.
- A 21 days training to the ICAR/SAU scientists/teachers on 'Hands on training on techniques for assessing ovarian follicular function in cattle and buffalo' was conducted under NAIP-C1056 project entitled "Elucidating the physiological and genomic regulation

process of follicular development, oocyte maturation and embryogenesis in buffalo" from 16<sup>th</sup> Nov to 6<sup>th</sup> Dec 2010.

Livestock feeding and management under 'Mass media support to agriculture extension' for the producers of agricultural programme of Doordarshan. 7-13 April 2010.

# Other training program

- Training programmes and practical demonstrations under NAIP livelihood project in 10 villages of Chitradurga district on Azolla cultivation, silage making, concentrate feed preparations.
- one day training programme on Azolla cultivation, Areca sheath feeding and feed block preparations for KMF officials at NIANP Bangalore on 28-03-2011.
- Training programmes on Azolla cultivation and silage making in ten villages under NAIP maize project.

### 2011-2012

An Innovative Farmers' meet was organized at the institute on 15<sup>th</sup> February, 2012.

- A 14 day National Agricultural innovation Project (NAIP) sponsored training programmed on 'Recent advances in methane estimation and mitigation strategies in ruminants was organized at the institute from 5-18<sup>th</sup> August, 2011,
- ICAR sponsored winter school on 'Functional genomic approaches for enhancing fertility in livestock' was organized by the institute from 22<sup>nd</sup> November to 12<sup>th</sup> December 2011.
- Model training course on 'Recent trends in feeding practices for improving dairy production and management' was conducted from 15-22 December 2011 for the field officers of state department of animal husbandry and veterinary services.
- Training program on Research Methodology, data management and Biostatistics was conducted from 9-10<sup>th</sup> December 2011.

Six days training programme was organized for feed mill managers April 25-30, 2011.

### Other training program

- Workshop on 'Maize value added feeds for milk production' for members of maize growers federation, Malvalli, Mandya, Karnataka, March 26, 2011
- Workshop on 'Business opportunities for commercialization of maize value added products' for members of maize growers federation (co-organized) at Malvalli, Mandya, Karnataka, July 29, 2011
- Workshop for farmers of maize growers federation on 'Formulations and quality control of cattle feeds' at NIANP, Bangalore, November 15, 2012

Two workshops under NAIP on livelihood on livestock health, feeding and management on 20<sup>th</sup> September 2011 at Sanikere village, Challakere cluster, Chitradurga district and on 28<sup>th</sup> January 2012 in Hosadurga cluster, Chitradurga district.

One day workshop on 'Fodder production and conservation' was organized at Hadonahalli on June 28, 2011.

#### 2012-13

Under NAIP Livelihood project, Conducted a Training Programme for Dairy Farmers in collaboration with KVK, Hiriyur on "Improved feeding practices for better dairy production" on 04-08-12.

National Training on "Assessment of microbial diversity by Next Generation Sequencing(NGS) for taxonomic and metabolic reconstruction of gut microbes" from 22.08 - 12 to 04.09 12.

Winter School on "Advances in Functional Genomic concepts and Techniques for quality Ruminant and Poultry Production from 26.09-12 to 16.10. 2012

Conducted a training programme on "Health and nutrition management of sheep and goat" on 12-10-12 at sanekere village, Chitradurga district, Karnataka.

Model Training Courses (MTCs) - Feed resource management for sustainable milk production from 10-17 December 2012

VTC –Rumen microbes – Hands on training on isolation and molecular characterization of anaerobic rumen microbes. 13-18 March 20123.

Model Training Courses (MTCs) Advances in improving reproductive efficiency in livestock under field condition- knowledge transfer. 14-21 February 2013

### 2013-14

Feed resources and ration balancing for dairy cattle. The trainer's training programme (skill development) facilitated by DADF, Delhi 28<sup>th</sup> May to 6<sup>th</sup> June 2013.

Value addition of feed and fodder for dairy cattle. The trainer's training programme (skill development) facilitated by DADF, Delhi. 27<sup>th</sup> June to 6<sup>th</sup> July 2013.