

Application Form

(12-19 September, 2019)

Model Training Course “Integrated Nutrient Management
Strategies for Smallholder Crop Livestock Production System”

ICAR-NIANP, Bengaluru - 560 030

1. Full Name (in block letter):
2. Designation:
3. Present employer and address:
4. Corresponding address:
- Fax:
- E-mail:
- Mobile:
5. Date of birth:
6. Sex: Male/Female
7. Work experience: () years
8. Educational qualifications:

Sl. No.	Name of Degree	University	Year	Major Subjects

Date:

Place:

Signature of the applicant

Recommendation of the forwarding authority

Signature

Designation

Address

Please send nominations to:

Dr. D T Pal

Principal Scientist & Course Director

Animal Nutrition Division

ICAR-NIANP, Adugodi, Bengaluru – 560 030

Phone – 080-25711304 Ext. 319/405

Cell: 9480613205

Email: dtpal@yahoo.co.in

or

Dr Letha Devi G

Senior Scientist & Course Coordinator

Knowledge Management and Biostatistics Section

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or

Dr Anjumoni Mech

Senior Scientist & Course Coordinator

Bioenergetics and Environmental Sciences Division

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Model Training Course
on

Integrated Nutrient Management Strategies for Smallholder Crop Livestock Production System

12 to 19 September 2019



Sponsored by

Indian Council of Agricultural Research, New Delhi

Patron

Dr Raghavendra Bhatta, Director, ICAR-NIANP

Course Director

Dr DT Pal, Principal Scientist

Course Coordinators

Dr Letha Devi G, Senior Scientist

Dr Anjumoni Mech, Senior Scientist



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Background

Over decades, contribution of agriculture to GDP has been on a decline but contributions of livestock have been on a rise. Agriculture production has been stressed due to vagaries of climate and non-remunerative minimum support prices. Unlike crop production systems livestock provides regular money flow and helps farmers to meet their daily needs. National Agricultural Research System (NARS) provides models of farming system for different types of socioeconomic and bio-physical settings combining all their technologies in a package with focus on farm income. This would involve combining technology and best practices covering production, protection and post-harvest value addition for each sub systems.

Economical livestock farming requires adoption of scientific management practices. Feeding accounts for more than 70% of recurring cost of production and besides quantity, quality of diet is very critical. The nutrient requirement in terms of protein, energy, amino acids and minerals need to be precisely met to achieve maximum production. Balancing of nutrients and supplementation of most critical nutrients can achieve enhancing the gut bioavailability of nutrients and minimizing the fecal and urinary losses. This approach will have a positive effect not only on productive efficiency and also helps in environmental protection. High yielding animal under goes several physiological and environmental stresses that need to be addressed for optimizing production. Genetic make up in animals plays an important role in stress tolerance. Precise supplementary nutrition would promote better gene nutrient interaction and help in ameliorating stress. Sufficient information is available on the above subjects and there is an urgent need to translate them into adoption by end users. Keeping this in view, this model training course is designed to cater to the need of teachers/researchers and extension workers in ICAR / Agriculture /Veterinary Universities and Krishi Vigyana Kendras.

Course Contents

- ❖ Feed Technologies to Improve Livestock Production
- ❖ Ration balancing and Mineral Nutrition for enhancing production performance in livestock

- ❖ Fodder production and conservation techniques
- ❖ Alternate livestock feeds for economizing production systems
- ❖ Precision feeding management for better nutrient utilization in livestock
- ❖ Alternate poultry production systems for supplementary income to farmers
- ❖ Fish and Duck as a component of integrated livestock farming
- ❖ Nutrient management for enhancing fertility in animals.
- ❖ Viable economic models for mixed farming
- ❖ Livestock policies for farming community

Duration

The course duration is 8 days from 12 to 19 September 2019. Outstation participants are requested to arrive latest by the night of 11 September and can leave after 18.00 hrs on 19 September 2019.

Eligibility

Participation for the MODEL TRAINING COURSE is mainly by Officers of State Government Development Departments like Animal Husbandry and Agriculture who are closely involved in livestock development and extension activities. The nominations will also be considered from professors/Associate professors/Professors or equivalent positions in ICAR institutes/State Agricultural/Veterinary Universities/KVKs in the discipline of Animal Nutrition/Animal Physiology/Livestock Production and Management/Poultry Science/Animal Genetics and Breeding/Allied Sciences, provided they are working at field level and are involved in extension activities of the state departments. The total number of participants will be restricted to 20. There is no course fee charged to participants.

Important Dates

The last date for nomination is 30 July, 2019. The selected candidates will be intimated on or before 4th August, 2019 either by fax/speed post/Email/Mobile, who in turn have to confirm their participation by 8th August, 2019. Participants must plan their journey only after confirmation from NIANP.

TA and DA

Participants will be paid To and Fro journey fare by train (IIIAC)/ deluxe bus on submission of tickets as per their entitlement. However, TA and DA for participants from SAUs/ICAR/KVKs may be borne by their respective organizations. Participants are requested to make their own travel arrangements.

Boarding and Lodging

Free boarding and lodging facilities will be provided to the outstation participants as per Directorate of Extension's norms and guidelines of model training course. Local participants will be provided lunch, session tea and course materials. Participants are requested strictly not to bring their family members as we have limited guesthouse facility.

How to reach

The NIANP campus is about 8 Km from city railway / bus Station, 15 km from Yeswantpur railway station. Prepaid taxi/auto can be availed at railway/bus station to reach NIANP, Adugodi, Bangalore (opposite to MICO/BOSCH factory, Hosur Main Road).

Weather

Bangalore will be quite comfortable in the month of September (15 to 30°C).

Application

The brochure can be downloaded from NIANP website (www.nianp.res.in) and the same can be used for application purpose. The format of application given in the brochure can also be typed and used. The filled application can be sent through proper channel on or before 30 July, 2019, along with a scanned copy of duly signed and approved form to the course coordinator by email: lethaayur@gmail.com / dtpal@yahoo.co.in