MODEL TRAINING COURSE (2016-17)
‘Advances in Grazing and Pasture Management Practices for Sustainable Livestock Production’
(February 27 to March 06, 2017)

Sponsored by:

Directorate of Extension, Department of Agriculture, Cooperation and Farmers Welfare, Ministry of Agriculture, Government of India, New Delhi

Organized by:

Plant Animal Relationship Division, ICAR-Indian Grassland and Fodder Research Institute, Jhansi-284 003 (Uttar Pradesh)

Course Director

Dr. S.K. Mahanta, Principal Scientist, Plant Animal Relationship Division, ICAR-Indian Grassland and Fodder Research Institute, Jhansi-284 003 (Uttar Pradesh)

Co-Course Director

Dr. K. K. Singh, Principal Scientist
Dr. M.M. Das, Principal Scientist

Background

Plant Animal Relationship (PAR) Division of ICAR-Indian Grassland and Fodder Research Institute (ICAR-IGFRI), Jhansi undertakes research on forages/pastures evaluation and their utilization for sustainable and economical livestock production. The division/institute has well trained scientific manpower in various aspects of pasture/forage production and their optimum utilization in animals. It has developed various technologies that have practical relevance for livestock farmers like improved grazing management practices, forage/pasture based efficient feeding systems for different categories of animals, strategic supplementation of limiting nutrients, area specific mineral mixture, newer feed resources for economic feeding; techniques to improve forage quality & conservation, practices for organic milk production and reducing methane emissions from animals. The division is well equipped with modern equipments to analyze pastures/ forages for nutritional evaluation including antiquality factors and environmental contaminants. Besides this, animal herd comprising of about 200 cattle, 150 buffaloes, 250 sheep and 150 goats are available for conducting on-station experiments.

In India, grasslands/pasture resources are very important in many parts, especially in arid, semi-arid and hilly regions. The grasslands/pastures act as primary feed resources for livestock, which in turn effectively contribute towards maintaining the soil fertility. These two roles are closely linked through grazing animals. From the ecological viewpoint, these act as a natural protective screen to protect arable lands from invasion of desert in dry regions and to prevent lands from water erosion in wet and mountainous regions. On account of increasing grazing pressures, misuse and neglect, the present condition of grasslands/grazing lands is far from satisfactory. Also, there is shrinkage in
area on account of pressure on lands for other activities. Indeed, grasslands are the most neglected and abused ecosystems in the country and needs immediate attention. If grasslands are removed from a village it disturbs the whole village, its economy, and social aspects and may lead to migration of people. Therefore, keeping grassland intact, progressive, prosperous and well harmonized with agriculture systems and development programs is the utmost important. Getting hands on training on pasture/grassland development in relation to livestock production and grazing management will benefit the field level officers to disseminate the knowledge to livestock farmers.

Course Contents

1. Grazing/pasture resources and pastoralism in India
2. Forage scenario in India
3. Grazing and pasture management: policy issues
4. Remote sensing in pasture/grazing resources
5. Grasses and Legumes for pasture development
6. Improvement in range grasses and legumes: challenges and options
7. Pest and diseases in pasture/forages
8. Processing and quality evaluation of forage/pasture seeds
9. Use of farm machinery in management of pastures/forages
10. Development of grasslands and silvi/hortipastures on degraded lands
11. Grazing management and sustainable animal production
12. Post harvest processing of forages
13. Methane emission from Indian livestock and forage/pasture based feeding
14. Economic aspects of grassland production and utilization

Duration

The course duration is eight days from February 27 to March 06, 2017. Out-station participants are requested to arrive by the evening of 26 February and can leave after 17.00 hrs on 06 March.

Eligibility

Participation for the Model Training Course is restricted to Officers of State Government Development Departments like Animal Husbandry and Agriculture who is closely involved in livestock development and extension activities. The total number of participants will be restricted to 20-25. There is no course fee charged to participants.

Nomination

The Directors of the State Government Development Departments may nominate suitable Candidates in a given nomination/application form. The last date of receipt of nomination is 20 January 2017. The selected candidates will be intimated on or before 27 January 2017 either by Fax/SPEED post/E mail/ Mobile, who in turn have to confirm their participation by 04 February 2017. Participants may start their journey only after confirmation from ICAR-IGFRI, Jhansi.

TA & DA

Participants will be paid To and Fro travel expenses restricted to AC II tier Train fare or Bus by shortest route as per Government of India norms and entitlement.
Boarding and Lodging

Free boarding and lodging facilities will be provided to all the participants as per the rules of
model training course.

How to Reach IGFRI

ICAR-IGFRI (locally known as Grassland) is located near Pahuj Dam on Jhansi-Gwalior Road,
10 km West of Jhansi Railway Station. One can reach the Institute from Jhansi Railway
Station/Bus Stand by Auto-Rickshaws (Fare Rs 120-150).

Weather

Jhansi is expected to be comfortable during February 27 to March 06, 2017.

Please Send Nomination To

Dr. S.K. Mahanta
Principal Scientist & Course Director (MTC)
Plant Animal Relationship Division
ICAR-IGFRI, Jhansi-284 003 (Uttar Pradesh)
Phone: (0510) 2730446-Ext. 219
Mob: 9451265901
Fax: (0510) 2730833
E-mail: mahantask@rediffmail.com

For Further Information Please Contact

Dr. K.K Singh
Principal Scientist & Co-Course Director
Plant Animal Relationship Division
ICAR-IGFRI, Jhansi-284 003 (Uttar Pradesh)
Phone: (0510) 2730446-Ext. 228
Mob: 9450075544
Fax: (0510) 2730833
E-mail: krisksingh@gmail.com
&
Dr. M.M. Das,
Principal Scientist & Co-Course Director
Plant Animal Relationship Division
ICAR-IGFRI, Jhansi-284 003 (Uttar Pradesh)
Phone: (0510) 2730446-Ext. 218
Mob: 9451266478
Fax: (0510) 2730833
E-mail: mmdas1964@gmail.com
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Nomination/ Application Form

1. Name:

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:

Date: Signature of the applicant

Place:

Recommendation of the Forwarding Department:

Signature:

Designation:

Address