



# NATIONAL SEMINAR STRESS MANAGEMENT IN SMALL RUMINANT PRODUCTION AND PRODUCT PROCESSING

January 29-31, 2010

ANNOUNCEMENT AND INVITATION

# ISSGPU



Organized by  
The Indian Society for Sheep and Goat Production  
and Utilization

In collaboration with  
Central Sheep and Wool Research Institute, Avikanagar  
Central Institute for Research on Goats, Makhdoom

## ORGANIZERS

INDIAN SOCIETY FOR SHEEP AND GOAT PRODUCTION AND UTILIZATION,  
CENTRAL SHEEP AND WOOL RESEARCH INSTITUTE,  
CENTRAL INSTITUTE FOR RESEARCH ON GOATS

### **Dr A.K. Shinde**

Organizing Secretary and In-charge,  
Research Coordination and Monitoring Unit,  
Central Sheep and Wool Research Institute,  
Avikanagar, Via: Jaipur 304 501  
Phone: 01437-220168 (O)  
01437-220251 (R)  
Fax 01437-220163  
Mobile 09414440216  
Email [akshinde58@yahoo.com](mailto:akshinde58@yahoo.com)

### **Dr Anil Joshi**

Joint Organizing Secretary,  
Animal Physiology and Biochemistry,  
CSWRI, Avikanagar,  
Via: Jaipur 304 501.  
Phone 01437- 220165 (O)  
01437- 220204 (R)  
Mobile 9414439469  
Email [ajoshi2k@yahoo.com](mailto:ajoshi2k@yahoo.com)

### **Dr D. B. Shakyawar**

Joint Organizing Secretary,  
Textile Manufacture and Textile Chemistry,  
CSWRI, Avikanagar,  
Via: Jaipur 304 501.  
Phone 01437 - 220179 (O)  
Mobile 9694363606  
Mobile 9887896766  
Email [dbshakya\\_67@yahoo.co.in](mailto:dbshakya_67@yahoo.co.in)



## ORGANIZING COMMITTEE

### Chief Patron

**Dr S. Ayyappan**

DDG (AS), ICAR, New Delhi

### Patron

**Dr C. S. Prasad**

ADG (AN & P), ICAR, New Delhi

### Chairman

**Dr S. A. Karim, Director**

Central Sheep and Wool Research  
Institute, Avikanagar  
Via Jaipur, Rajasthan

### Co- Chairman

**Dr M. C. Sharma, Director**

Central Institute for Research  
on Goats, Makhdoom  
Mathura, Uttar Pradesh

Dr S.M.K. Naqvi	Member
Dr A. Sahoo	Member
Dr A.L. Arora	Member
Dr R.C. Jakhmola	Member
Er N.P. Gupta	Member
Dr J.S. Mann	Member
Dr D. Singh	Member
Dr Rajeev Gulyani	Member
Dr V.S. Vihan	Member
Dr S.K. Jindal	Member
Dr A.K. Goel	Member
Dr S.K. Sankhyan	Member
Dr Anil Joshi	Joint Organizing Secretary
Dr D.B. Sakhyawar	Joint Organizing Secretary
Dr A.K. Shinde	Organizing Secretary

## **INTRODUCTION**

Sheep and goat rearing is a traditional occupation of small, marginal farmers and landless laborers in semiarid, arid, hilly and mountain regions of the country, inhospitable to conventional crop cultivation. Small ruminants produce food and fibre at relatively low cost from feed materials from land that often cannot be used for conventional crop production. Higher production efficiency of the two species is not only due to their ability to sustain on sparse vegetation of degraded rangeland and efficient utilization of top feed resources but also early puberty, short gestation period, high prolificacy, rapid growth rate, quality meat, milk and carpet wool production and good marketability.

Small ruminants are primarily raised on grazing resources under extensive range management in different parts of the country. They are exposed to wide range of stresses under field existence mainly thermal, nutritional, walking, management, disease, predation etc. These stresses redistribute the body resources including protein and energy at the cost of decreased growth, reproduction, production and health. In prevailing situation of progressive shrinkage of grazing resources, under nourishment, climate change reflected in low precipitation, feed and water scarcity, inhumane transportation, handling and slaughter practices, frequent draught and famine, long distance migration, poor *en route* shelter, early disposal of lambs and distress sale of animals are some of the important issues causing stresses on the small ruminants and affecting their productions.

Sheep and goats are source of livelihood and economic sustenance of poor farmers in harsh climatic zones of the country requiring attention with respect to their production and sustainability. The demand of meat, milk and fibre is increasing progressively in the country requiring strategies for stress management along with better feeding, breeding and health coverage to improve production. Further there is need to address the small ruminant production under the present scenario of climate change and crunch in feed resource which is having adverse effect on production, reproduction and health status. The Indian Society for Sheep and Goat Production and Utilization (ISSGPU) in collaboration with CSWRI, Avikanagar and CIRG, Makhdoom is organizing a National Seminar to deliberate and discuss on these vital issues and develop suitable strategies for amelioration of stresses in small ruminant production systems for enhancing meat, milk and wool production.

## **INVITATION**

Dear friends,

ISSGPU is a National Society of scientist, educationist, technologists, producers, extension leaders and development experts who are committed to advancing the sheep, goat and rabbit as viable agricultural and rural resources.

#### **AIMS AND OBJECTIVE OF THE SOCIETY**

- Encourage research and development in sheep, goats and rabbits in order to increase their productivity and usefulness throughout the country,
- Advancement and dissemination of sheep, goats and rabbits production and utilization technologies,
- Organizing National Conferences, Seminars, Workshops and Interactive meets in sheep and goat production and utilization,
- Publishing the Indian Journal of Small Ruminants and ISSGPU Newsletter.

We are pleased to inform that a ***National Seminar on Stress Management in Small Ruminant Production and Product Processing*** is being organized during January 29-31, 2010 at Clark Amer Hotel, Jawahar Lal Nehru Marg, Jaipur. It is our immense pleasure in extending an invitation to you for your benign presence and active participation in the event.

#### **PROGRAMME**

Technical sessions will be held on following issues and in each session eminent scientists will present the status paper followed by abstract presentation.

1. Stress and welfare in small ruminants,
2. Global warming and sustainable animal production,
3. Nutritional stress and small ruminant production,
4. Stress tolerant small ruminant breeds and production potential,
5. Environmental stress and production and reproduction,
6. Biotic and abiotic stress and animal diseases,
7. Transportation and handling stress and meat quality attributes,
8. Stress management in fibre production and processing.

#### **ABSTRACT SUBMISSION**

Kindly send abstract of research papers, not exceeding 200 words (Two hard copies plus a soft copy in Times New Roman font size 12 on a CD in MS word) by December 15, 2009 addressed to Joint Organizing Secretary. The title of the abstract should be followed by name of presenting and corresponding authors with complete postal address and E-mail ID of presenting author. The single paragraph abstract should feature brief introduction, materials and methods, results and conclusions. Acceptance of the abstract for oral or poster presentation will be communicated. The oral presentation should be prepared for 10 minutes duration on power point. Multimedia projection facility will be provided to the presenter. Poster should be of the size 3 X 3'. Suitable space will be provided for display in the poster presentation session of seminar.

#### **Dr Anil Joshi**

Joint Organizing Secretary  
Animal Physiology and Biochemistry  
CSWRI, Avikanagar  
Via Jaipur 304 501

**EXHIBITION**

Several well known firms dealing with livestock feeds, veterinary drugs / laboratory equipments and animal products are being invited to participate in the exhibition, which will be held concurrently during the seminar. Interested parties may contact the Organizing Secretary for details.

**KEEP UP TO DATE BY VISITING WEBSITE**

The official site of Indian Society for Sheep and Goats Production and Utilization is [www.issgpu.org](http://www.issgpu.org). If you are willing to become member of society please download the life membership form from the website or write to:

**Dr S. M. K. Naqvi**

Principal Scientist and Head  
Secretary, ISSGPU,  
Division of Animal Physiology and Biochemistry,  
CSWRI, Avikanagar, Rajasthan 304 501

**VENUE**

The National Seminar will be organized at Clark Amer Hotel, Jawahar Lal Nehru Marg, Jaipur. The city with its romantic charm takes everybody to an epoch of royalty and tradition. Hawa Mahal, Jantar Mantars, Jaipur observatory, City palace, Sisodia garden, Albert hall and Amber Fort are some of the important places of tourist interest. RTDC operates daily sightseeing trips, from its office at the railway junction, with additional pick-up points dotted all over the city. The city has attraction as a major trading centre for gems and jewellery, best trinkets, precious stones, traditional skirts, bags, turbans, light quilts, carpets, embroidered shoes etc. One can also buy Jaipur's famous blue pottery, Sangneri and Bagru block prints, brightly colored Bandhini dress, Lacquered brass and Minakari.

**WEATHER**

The weather at Jaipur during the event will be cold with minimum temperature of 10°C and maximum of 22°C. You are requested to carry woolen cloth while traveling to Pink city for the event.

**TRANSPORTATION**

The transport arrangement will be made from place of accommodation to venue of seminar for only the delegates staying at places arranged by the organizers.

**ACCOMMODATION**

Accommodation will be arranged in private hotels at Jaipur city on confirmation of participation. The tariff ranges from Rs 700 to Rs 5000 per day depending upon the facilities.

**REGISTRATION FEE**

Registration fee of Rs 2500 for delegates, Rs 1500 for accompanying person and Rs 1000 for student may be paid in cash at the time of registration or may be sent through DD in favour of the Organizing Secretary payable at any Bank at Malpura, Rajasthan.