



*International Symposium on*

**Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai  
and**

**Society for Conservation of Domestic Animal Biodiversity (SOCDAB), NBAGR, Karnal**

**SUSTAINABLE MANAGEMENT OF ANIMAL GENETIC RESOURCES  
FOR LIVELIHOOD SECURITY IN DEVELOPING COUNTRIES**

**&**

**XII Annual Convention of**

**Society for Conservation of Domestic Animal Biodiversity (SOCDAB)**

**February, 13-14, 2015**

## PROGRAMME SCHEDULE

Date	13.02.2015, Friday
Registration	9.00 a.m. to 10.00 a.m.
Inaugural Session	10.00 a.m. to 11.30 a.m
High Tea	11.30 a.m. to 11.45 a.m.
Technical Session I	Phenotypic characterization, accreditation and conservation of AnGR
Chairman	
Co-Chairman	
Rapporteur	
<b>Invited Papers</b>	
1	Present status and future prospects of Indian cattle and buffaloes in Brazil and their contribution to livelihood security in developing countries - <i>Jose Otavio Lemos</i>
2	Defining the undefined animal genetic resources to complete the national inventory of India - <i>Arjava Sharma and P.K. Vij</i>
3	Indian cattle – source of sustainable livelihood security for smallholders - <i>R.S.Gandhi</i>
4	Genetic improvement of cattle genetic resources of India: issues and challenges - <i>B. Prakash</i>
5	Status of camel genetic resources of India, conservation and breeding policy for their improvement - <i>S.C. Mehta and S.S.Dahiya</i>
6	Animal genetic resources of Uttarakhand, management and breeding policy for improvement of AnGR in Himalayan region - <i>C.V. Singh and R.S. Barwal</i>
7	The Vechur model for conservation - <i>K.Anilkumar and F.A. Lali</i>
<b>Oral Presentations</b>	
1	PERFORMANCE OF MINIATURE PUNGANUR CATTLE UNDER CONSERVATION - B. Ekambaram ,M.M. Rajesh ,Y. Pavani
2	CHARACTERIZATION AND PERFORMANCE OF SIKKIM GOATS IN ITS NATIVE TRACT - Nareshkumar Verma, R A K Aggarwal, Rekha Sharma, P. S Dangi, Pushp Raj Shivahre, N.T Bhutia
3	A REPORT ON THE MILK PRODUCTION PERFORMANCE OF INDIGENOUS GOAT BREEDS UNDER INTENSIVE FARMING SYSTEM IN KARNATAKA -R Jayashree,M R Jayashankar,Jayasree Hiremath,B.P Pushpa,Manmatha Raj .
4	KACHCHHI HORSE OF GUJARAT: A VALUABLE RESOURCE - D. K. Sadana ., A.J. Kachhiapatel .Shersinh Chauhan, Ramesh Bhatti, S.Das, P.H.Tank, D.N.Rank,

5	CHARACTERIZATION OF DONKEYS OF ANDHRA PRADESH - Rahu Behl, M.V Dharma Rao, S.K Niranjan, R.K Vijh, D.K Sadana
Evaluation of Posters for Technical Session I - 39 Research abstracts	
Jury	
Member I	
Member II	
<b>Technical Session II</b>	<b>Molecular characterization and biotechnological interventions for sustainable management of AnGR</b>
<b>Chairman</b>	
<b>Co-Chairman</b>	
<b>Rapporteur</b>	
<b>Invited Papers</b>	
1	Genomic selection to improve livestock production in developing countries with a focus on India - <i>Haja N. Kadarmideen and Duy Ngoc Do</i>
2	Application of molecular tools in livestock production systems in developing countries <i>B.P. Mishra and G.V.P.P.S. Ravi Kumar</i>
3	Status of animal genetic resources of Rajasthan, conservation strategies and breeding policy for their improvement - <i>G.C. Gahlot, Umesh Singh, Sushil Kumar, T.V. Raja and Rani Alex</i>
4	Cryobanking of animal genetic resources – options and challenges - <i>M. John Edwin</i>
5	Goat genetic resources of india: strategies for their improvement and conservation - <i>S.K. Singh and M.K. Singh</i>
6	Indian riverine buffaloes transform the world buffalo genetic resources <i>K.P. Singh and Sunesh</i>
<b>Oral Presentations</b>	
1	EXPLORING POLYMORPHISMS IN FEW OF THE GENES AFFECTING MILK TRAITS IN ONGOLE CATTLE - Krovvidi Sudhakar, S. Pannerselvam., A.K. Thiruvenkadan, R. Vinoo., R. Saravanan., S.Velusamy .,M. Jeyakumar .
2	GENETIC DIVERSITY AT MHC-DQA AND DQB LOCI INDICATES POSITIVE SELECTION IN INDIAN SWAMP BUFFALO - S K Mishra,S K Niranjan,Bhaswati Banerjee,Dimpee Singh Gonge,R S Kataria
3	GENETIC FACTORS CONTRIBUTING TO GROWTH REGULATION IN CHICKEN -Mostafa K. Nassar,Gudrun A. Brockmann
4	GENERATION OF MITHUN SPECIFIC MICROSATELLITES - NEW BEGINNING OF MITHUN GENETICS -Sabyasachi Mukherjee,Anupama Mukherjee,Sosang Longkumer,Moonmoon Mech,Sanjeev Kumar,Kezhavituo .,Kobu Khate,Chandan Rajkhowa
5	ALLELIC DIVERSITY AT MHC CLASS II LOCI FAVOURS ADAPTIVE FITNESS IN INDIANYAK ( <i>BOS GRUNNIENS</i> ) S K Niranjan, S K Mishra,D S Gonge,Jayakumar S,T K Biswas, PJ Das,R S Kataria
6	SEX DETERMINATION OF ORNAMENTAL BIRDS BY USING POLYMERASE CHAIN REACTION Lalthansanga Khiangte, Prabhakar Ukale ., U.D. Umrikar ., M.P. Sawane ., A.Y. Doiphode .
Evaluation of Posters for Technical Session II - 62 Research abstracts	
Jury	
Member I	
Member II	
Date	14.02.2015 Saturday 9.00 a.m.
<b>Technical Session III</b>	<b>Livestock keepers / breeders' association and legal framework, policies and programmes for development of AnGR</b>
<b>Chairman</b>	
<b>Co-Chairman</b>	
<b>Rapporteur</b>	
<b>Invited Papers</b>	
1	Bio-cultural protocols of traditional livestock keeping communities and their role in the conservation of AnGR - <i>Ilse Koehler-Rollefson</i>

2	Livestock breed societies in India: status and a vision - <i>D.K. Sadana</i>
3	Strengthening the role of traditional livestock keeping communities towards conservation and development of breeds, practices and rights - <i>P. Vivekanandan, D.K. Sadana, Anil Gupta, P.K. Sing and Ilse Koehler-Rollefson</i>
4	Role of rainfed livestock network in conservation and improvement of livestock breeds in India <i>Kamal Kishore</i>
5	Community conservation of AnGR and it's role in the rural livelihood security of Kerala - <i>N. Jayadevan, D.K. Sadana and Bindya Liz Abraham</i>
6	Bio-cultural protocol (BCP) of Golla community in Odisha: mapping the bio-cultural assets of livestock keepers - <i>Balaram Sahu</i>
7	Animal genetic resources of Zambia and their improvement, its contribution to livelihood security in rural farmers - <i>E. Musimuko, C.K. Bottema and W.S. Pitchford</i>
8	Need to create state level genetic disease testing facilities for improvement of farm animal genetic resources - <i>Umrikar Uday</i>

#### Oral Presentations

1	SUSTAINABLE MANAGEMENT OF NATIVE CATTLE VARIETIES THROUGH VALUE ADDITION OF CATTLE WASTE - Bindya Liz Abraham
2	LIVESTOCK OR LIABILITY : THE CHALLENGE SIDE TRACKED - D.V.Singh ,Brijesh Singh .
3	IMPACT OF INDIGENOUS TECHNOLOGICAL KNOWLEDGE IN CONSERVATION AND SUSTAINABLE MANAGEMENT OF ANGR FOR RURAL LIVELIHOOD IN NORTHERN INDIA - Safer Alam ,Gurjeet Kaur .
4	INDIGENOUS TRADITIONAL KNOWLEDGE USED FOR PRODUCTION AND MANAGEMENT OF BANNI BUFFALOES -K.P. Singh,Ashok Kumar , Sunesh .
5	KNOWLEDGE LEVEL AND CONSTRAINTS FACED BY THE FARMERS IN DAIRY CATTLE BREEDING P. Mathialagan,N. Vimal rajkumar ,P.R. Nisha ,S. Saraswathi .

#### Evaluation of Posters for Technical Session III-3 Research Abstracts combined with session- IV

<b>Technical Session IV</b>	<b>AnGR information management system and breeding strategies for improvement of livestock and poultry</b>
<b>Chairman</b>	
<b>Co-Chairman</b>	
<b>Rapporteur</b>	

#### Invited papers

1	Status of sheep and goats in developed countries and their contributions to livelihood security of rural farmers in developing countries - <i>K. Nadarajah</i>
2	Issues and impact of modern ipr regime on management of animal genetic resources in developing countries - <i>K.P. Ramesha</i>
3	Significance of microchipping in conservation of Vechur cattle - <i>Sosamma Iype</i>
4	Status of poultry genetics resources, conservation, strategies and breeding policies for their improvement in India - <i>Sanjeev Kumar and Abdul Rahim</i>
5	Status of bovine genetic resources, conservation, improvement and breeding policy of Andhra Pradesh in light of state bifurcation - <i>R. Vinoo</i>
6	Kangayam cattle pride of Tamilnadu past and future strategies for their improvement – a farmers view - <i>Karthikeya Sivasenapathy</i>
7	Status of farm animal genetics resources, conservation and improvement in Karnataka - <i>M.R. Jayashankar, S. Naveen Kumar and R. Jayashree</i>

#### Oral Presentations

1	EMPIRICAL APPLICATION OF RESPONSE SURFACE METHODOLOGY FOR INCREASING THE LIFETIME MILK YIELD THROUGH OPTIMIZING THE PRODUCTION AND REPRODUCTION TRAITS IN SHIWAL CATTLE T.V. Raja,R.S. Gandhi,Umesh Singh,Birham Prakash,Sushil Kumar,Rajib Deb
2	MULTIVARIATE ANALYSIS OF PHENOTYPIC DIFFERENTIATION BETWEEN KANKREJ, SANCHORI AND NARI CATTLE POPULATIONS OF RAJASTHAN, INDIA - R K Pundir ,P K Singh ,D K Sadana .
3	NON GENETIC FACTORS AFFECTING GROWTH TRAITS OF BHARAT MERINO SHEEP IN SUB-TEMPERATE CLIMATE OF KODAI HILLS -P.K. Mallick,R. Pourouchottamane,S. Rajapandi,S.M.K Thirumaran,G. Nagarajan,A.S Rajendiran,R. Venkataramanan

4	GENETIC DIVERSITY OF AVIKALIN SHEEP THROUGH PEDIGREE ANALYSES - L. Leslie Leo Prince,G.R. Gowane,C. Paswan,Indrasen Chauhan,Arun Kumar .
5	NON-SURGICAL EMBRYO TRANSFER IN NATIVE PIG: A SUCCESS STORY - S. Naskar,S. Borah,Y. Vashi,T. Chutia,A.K Das,P. Kaushik,R. Thomas,M.K Tamuli,P.P Gokuldas,B.C Sarmah,S.K Dhara
6	GENETICS OF GROWTH AND PRODUCTION TRAITS IN RHODE ISLAND RED CHICKEN UNDER LONG-TERM SELECTION PROGRAM -Abdul Rahim,Sanjeev Kumar .,K. Jagadeesan .,Shafee Ullah .,Jowel Debnath .,Ramji Yadav .,S.K. Bhanja .
7	IMPACT OF SELECTION ON DRAUGHTABILITY OF INDIAN CAMEL BREEDS -Pariyank Vyas,S.C. Mehta,C.K. Murdia,U. Pannu
8	LIVESTOCK AND POULTRY- FUTURISTIC ENERGY ALTERNATIVE FOR RURAL INDIA -Simarjeet Kaur,S.S. Sooch,R.S. Grewal

#### Evaluation of Posters for Technical Session IV - 48 Research Abstracts

Jury	
Member I	
Member II	

<b>Technical Session V</b>	<b>Abstracts For Young Scientist Award</b>
Jury	
Member I	
Member II	

#### Oral Presentations

1	Genetic parameters for milk production of Sahiwal cattle using random regression test day model with a homogeneous residual variance - <i>Ved Prakash, A.K.Gupta, Atul Gupta, R.S. Gandhi, Avtar Singh and Arun Kumar</i>
2	Molecular characterization of Murrah buffaloes using microsatellite markers - <i>K. Swathi, B. Ramesh Gupta, S.Sai Reddy and M. Kishan Kumar</i>
3	Genetic variability in native dog breeds of Tamilnadu through microsatellite analysis - <i>A. Hisham, S.M.K. Karthickeyan, S.N. Sivaselvam and K.G. Tirumurugaan</i>
4	Microstellite genotypes influence relative expression level of toll like receptor-4 gene in bursa of Rhode Island Red chicken - <i>K. Jagadeesan, Sanjeev Kumar, Abdul Rahim and A.S. Yadav</i>

Session VI	Plenary Session
Valedictory Session	4.00 p.m.

**at**  
**Madras Veterinary College, Chennai, Tamil Nadu, India**  
**Organized by**  
**TANUVAS, Chennai & SOCDAB, Karnal**