



CONSERVE

KANGAYAM
BULLS

2014-2015 ANNUAL REPORT
SENAAPATHY KANGAYAM
CATTLE RESEARCH FOUNDATION

Annual Report 2014-2015
Senaapathy Kangayam Cattle Research Foundation
(An in situ breeding and conservation centre)

Board of Trustees

V. Arivudai Nambi, *Environmental Sciences*, Chennai

M. Deva Prakash, *Education*, Coimbatore

Mr. G. Gunadaran, *Environmental Sciences*, Pondichery

Karthikeya Sivasenapathy, *Livestock keeping and Agriculture*
Member, Board of Management, TNAU

V. Palanisamy, *Horticulture, Livestock keeping and Farmers Association*
Representative

K. Saminathan Sivasenapathy, *Agriculture*, Kuttappalayam, **Chairman**

Somasundaram, *Law*, New Delhi

Sundar Ganesan, *Archives and Libraries*, Chennai

L. P. Swaminathan, *Agricultural Economics*, TNAU, Coimbatore

E.N.Sivasenapathy, *Bargur Hill Cattle Breeders Association*

Aravind Nallathambi, *Education*, Muthur

Himakiran Anugula, *Entrepreneur*, Environmental and Social Activist,
Chennai.

About us

Senaapathy Kangayam Cattle Research Foundation is an in situ conservation and breeding centre based in Kuttapalayam in Tiruppur district of Tamil Nadu. It also functions as a resource centre and research institute on native breeds of cattle in Tamil Nadu, India. To know more about the objectives see: www.kangaymbull.com

From the Chairman's desk

Dear Friends, native livestock enthusiasts, members of Kangayam Cattle Breeders Society and Policy makers:

2014-2015 is an important time in period for Indian livestock. The preceding years drought, agrarian crisis and the ban on Jallikattu, Rekla by the Hon' Supreme Court of India in a petition filed by Animal Welfare Board of India, People for Ethical Treatment of Animals and a few individuals who are disconnected from rural life, led to distress sale of bulls, bullocks/oxen's. The exodus of cattle to slaughter houses led to loss of native germ-plasm. It was considered to be a death knell to our breeds. Sadly in a country where there is much debate about "Gomatha", the narrative of the sacred cow is drummed between ignorance, traditional sciences and the practical sciences.

However, the Kannapuram cattle show took place as usual in the month of April. And on a positive note, cows and heifers were sold for a premium price, but unfortunately bulls, bullocks and oxen's were lacking behind in sales due to the ban on Jallikattu, Rekla etc.

It is a great honour that the Hon' Governor of Tamilnadu has inducted the Managing Trustee of SKCRF as a member of the board of Trustees of Tamilnadu Agricultural University. SKCRF as in the past years had numerous visitors - toddlers to students from various Schools, Colleges, and Universities. There were also International visitors to the Foundation.

The fourth phase of Documentation of the flora and fauna of Korangadu, a unique silvi pasture grazing system, found in western Tamil Nadu, was done by team members of CARE (students of Sri Venkateswara College of Engineering). SKCRF is working with CARE, Professor Murugavel, Ramesh Rajesh and Trustees of SKCRF for bringing out a book "Birds of Korangadu".

I am also happy to share that Income Tax Department has granted income tax exemptions for donations to SKCRF under Section 80 G of Income Tax Act 1961 and has registered SKCRF under Section 12 A. This is a welcome opportunity for Philanthropists, Corporate Houses & Individuals concerned about the depleting native livestock to donate generously towards SKCRF.

Mr. K. Saminathan Sivasenapathy
Member, Board of Management, TNAU

2014-2015

The Report

The year was loaded with several activities such as visits by various people to SKCRF, engagement with the Government, taking part in exhibitions, field visits, other events, providing service and support to livestock keepers. This can be seen in the following report.

SKCRF Activities

On 10.4.2011, an exhibition stall was set up at the Kannapuram cattle shandy to create awareness on native livestock of Tamilnadu. This was visited by more than ten thousand people.

Kannapuram Kangayam Cattle Shandy

April 2014 - Kannapuram Ther Thiruvizha (Car Festival) held at Vellakovil, Kangayam, Tamil Nadu, India, is a historical event that has been taking place in the same location for more than 1200 years. The shandy, held along with the annual car festival of the 11th-century Vikramacholeesvara temple and the Arulmigu Mariamman temple at Kannapuram, is an important event for farmers, livestock keepers and breeders.

This year, nearly 14,700 Kangayam cattle, which include 3,400 cows and remaining bulls/ oxen/ calves, were traded at the fair. 15 years ago nearly 1, 00,000 cattle used to be traded at the same event. It reflects that the breeding activity has come down. However, a good sign is that the farmers got prices as high as Rs. 1.37 lakhs for a pair of oxen showing that the breed still has the potential to fetch premium value. It is very important to know that the ban on Jallikattu and Rekhla race has brought down the demand for Kangayam cattle.

The media coverage and exposure created by SKCRF helped more awareness to buyers and sellers from most parts of southern India.

An exhibition stall was also set up at the shandy to create awareness on native livestock of Tamil Nadu. According to the farmers, traders and livestock keepers in Kannapuram, there has been a tremendous awareness and field level impact due to the efforts of SKCRF.



Jallikattu Documentation

September 20 2014 – Dominic Franks and his team visited SKCRF and did a series of interviews with the Managing Trustee. The team has been documenting Cattle associated with Jallikattu and the effects of banning. SKCRF provided all support by way of key contacts in Madurai, associated with Jallikattu and made arrangements for the meets and video shoots.

Kangayam Cattle Breeders' Society Meeting

October 10 2014 - Kangayam Cattle Breeders Society meeting was held at Senaapathy Kangayam Cattle Research Foundation, Kuttapalayam. More than 30 members participated in the meet. The discussion was on Kangayam Cattle Exhibition and its venue. A. E. T School was the unanimous choice as venue for the 2015 cattle exhibition which was held on January 04, 2015, at Erode.



Kangayam cattle breeders plea to the Prime Minister of India

January 01 2015 – A letter of appeal to the Honourable Prime Minister Mr. Narendra Modi to allow Jallikattu as a way of conservation of native animals was sent from SKCRF. 'UNCBD 1992' was quoted in the letter, to which India is a signatory and the 'National Biodiversity Act, 2002'.

An article was published to file a review petition in the Supreme Court. See the article below:

STATE 5

Kangayam cattle breeders plea to PM

They seek steps to file a review petition in SC for lifting the ban on jallikattu

R. Vimal Kumar

TIRUPUR: Representing the breeders of renowned Kangayam cattle, the Senaapathy Kangayam Cattle Research Foundation (SKCRF) has made a representation to the Prime Minister seeking steps to file a review petition in Supreme Court for lifting the ban on jallikattu.

"People who wanted the ban on jallikattu are far removed from the village life and not aware of the importance of jallikattu in main-

taining the natural biodiversity of the native live-stocks like Kangayam cattle. The sport also provides a bond between cattle and agriculturists," K. S.M. Karthikeya, a prominent Kangayam cattle conservationist and managing trustee of the SKCRF, told *The Hindu*.

Traditional sport

He pointed out that the traditional sport like jallikattu provides an encouragement to the breeders of native live-stock species like Kangayam

cattle since the sturdy bull of that variety in the respective villages was used for the sport.

"Without which, the small scale farmers usually rear cows not the bulls. So rearing of cows alone will affect the breeding and the population of species like Kangayam cattle can dwindle further," he added.

The Kangayam cattle breeders were of the view that traditionally there was no torture of the animal during the jallikattu unlike in the

bull sports seen in countries like Spain.

"The duration of a bull engaging in jallikattu will be around 30 seconds," they said adding that instead of ban, rules could be laid down for the safety of animals and men, if required.

Since the country is a signatory to the Convention on Biological Diversity, the bio-cultural activities like jallikattu should be encouraged as per the provisions of the said convention, Mr. Karthikeya said.

Kangayam Cattle Show- Erode

January 04 2015 – The seventh edition of the Kangayam cattle show was conducted by SKCRF with the support of the National Bio- diversity Authority, Ministry of Environment & Forests and Kangayam Cattle Breeders Society at AET Matriculation Higher Secondary School, Perundurai Road, Erode. Thiru. Mohan, Correspondent, AET Matriculation School, Thiru. Mahesh, Mr. Vivekanandhan, Pothipalayam, Kangayam, Mr. Vasanth Kumar, Vavivalayam, Mr. Karthikeyan, Kolathupalayam, Kangayam, Mr. Manikandan, Karur, Mr. Gunganram, Karur, Mr. Raju, Tirupur, were instrumental in conducting the show.

Thousands of Farmers, livestock keepers and residents of Erode, Perundurai, Chittodu and neighboring regions thronged the venue and the event creating the much needed awareness required for the conservation of the Native breeds. An exhibition organized by SKCRF titled Kangayam breed and its bio cultural context was inaugurated by the Joint Director, Animal Husbandry, Government of Tamil Nadu. 467 Kangayam livestock keepers registered their cows, bulls and oxen to compete, with 31 participants receiving cash prizes of more than 3 lakhs. Thiru Kasiannan Ayya, Chairman AET School, Farmers Federation President, presided over the prize distribution ceremony and felicitated the prize winners. Ilaya Pattakkar of Sankarandapalayam, Thiru.Nareinthiren Venadudayar distributed the prizes.



Thiru. Narendran &
Thiru Kasiannan Ayya giving
away the prizes

Kangayam Cattle Show - Core Committee Meet

January 12 2015 - Managing Trustee was part of the core committee meet held at Kangayam. It was chaired by the Joint Director, Animal Husbandry. It is indeed a privilege that the Kangayam Cattle Show being conducted by the Government of Tamil Nadu was at the instance of the proposal of SKCRF sent to the Government and its continued efforts, as a result of which all breeds of Tamil Nadu got a cattle show every year. Members of the Umblachery Native Livestock Breeders Association, Porkai, Nagapattanam, Puliakulam Breeders Association, Madurai district and Bargur Hill Cattle Breeders Association have acknowledged the role of SKCRF in the conservation of the native livestock of Tamil Nadu.

New bull to SKCRF

February 05 2015 – An additional breeding Bull was purchased for breeding purpose from a livestock keeper Mr.Vavipalayam Vasanthkumar. This bull won the first price in Kangayam cattle show held at Erode. Introduction of new germ plasm ensures that there is no inbreeding.



Other Activities

February 2014 – Since 2012, SKCRF has been supporting and collaborating with Mr.R.Ramachandran, a research student from the Department of Environmental Biotechnology, Bharathidasan University, in collecting fecal and urine samples from the cattle. His doctoral investigation pertains to the animal communication between Kangayam cattle. His association with the Foundation continued in February 2014 under the Guidance of Dr. S. Achiraman where he once again visited the Foundation and collected samples of dung and urine from male and female Kangayam cattle.

June to August 2014 – Three final year B. Tech students from Department of Horticulture, Tamil Nadu Agricultural University, did their "Internal Internship" in "Organic Farming" from June 06 2014 to August 08 2014. Dr. S. Mariappan, Dean, Horticulture, TNAU, wrote a letter on May 07 2014, seeking permission for his students to undergo training in the farm and the Foundation.

Visitors to SKCRF

June 06 2014 - Children from the School of Physically Handicapped, Tirupur visited the farm and understood how cow dung and urine are used in natural farming.

Kovai Vidyasharam

September 09 2014- Standard 1 & 2 students visited the cattle farm.



Students from Kovai Vidyasharam

Subbiah Matric Higher Secondary School

November 07 2014 – Ninth grade students and teachers of Subbiah Matric Higher Secondary School visited the farm for a project to learn about Kangayam cattle breed, the reason for rise and decline of the breed.

Werner Lampert Beratungsges visit

October 02 2014 - Mr. Stefan Kuen and Mr. Judith Benediki from Austria visited SKCRF for a cattle photo shoot from Werner Lampert Beratungsges M. B.H, Trattnerhof.

November 23-25 2014 - As an ongoing work in collaboration with the CARE team of Sri Venkateswara College of Engineering in documenting the birds of Korangadu, Mr. Rajesh Ramesh, Mr. Koushik Subramanian and Mr. Nish Kalan Vijayakumar visited the farm for a photo shoot of the birds identified in Korangadu. A monograph on this topic would be an outcome.

January 13 2015 - Thirumathi Aparna Karthikeyan, senior editor of Peoples Archive of Rural India (PARI) an initiative by P. Sainath former editor of The Hindu and visiting professor of Princeton University, U. S. A., was a guest of Senaapathy Kangayam Cattle Research Foundation and documented Tmt. Soundaram Ramaswamy an excellent lady livestock keeper called the "Bull Lady". She was earlier nominated by SKCRF for various awards like the "Breed savior" award and the "Women of the year" award. An article appearing in the International edition of The Hindu on March 8, the International Women's Day gave immense coverage to the role of women in conservation of Kangayam cattle with special emphasis on Tamil Nadu. For more visit,

<http://www.thehindu.com/features/magazine/bulls-in-her-backyard/article6966098.ece>

FEATURES - MAGAZINE

March 7, 2015

Updated: March 7, 2015 15:24 IST

Bulls in her backyard

Mires

• If you can read this message, you can make \$677 by 24:00 today.

APARNA KARTHIKEYAN

COMMENT - PRINT - T

Tweet

Read



Soundaram Ramasamy holding Singaravelan while another bull grazes.

Aparna Karthikeyan

January 16 2015 - Mr. Raja, National General Secretary of the Bharatiya Janata Party and a livestock keeper from Karaikudi, Sivagangai district of Tamil Nadu visited the Foundation to have first hand understanding of the local breeds of Tamil Nadu with special emphasis on Kangayam. He was also shown the use of cow dung and urine in Agriculture by the chairman K. S. Sivasenapathy. He was impressed with the work and wished well to the Foundation and assured support of the Union Government of India.



Thiru. Raja, signing the visitors note book at SKCRF

CARE Team of SVCE visit

March 16 2015 - Students of Sri Venkateswara College of Engineering (SVCE) belonging to CARE, an organization within the college working on environment, biodiversity and nature were on a three day visit to SKCRF. This is an ongoing process where they are documenting birds found in Korangadu, a unique silvi pasture grazing system found in the western region of Tamil Nadu. Korangadu means grazing land and it is a mixture of grasses monocot and dicot. It is found in districts of Coimbatore, Tirupur, Erode, Karur, Dindugal and Namakkal districts. They also learn about use of cow dung, urine as a substitute to nitrogenous fertilizers, and harmful pesticides. They also visited the zero budget natural farm at Valliarachal and learnt about making Panchakaviya, Amrithakarasal, Jeevamritham; Vembuasthram etc.

As of now more than 118 species of birds have been documented by CARE team and SKCRF. The documentation has been an ongoing process from 2012 and has been done in different periods to get a picture of the overall bird diversity in the Korangadu grazing system.



CARE Team



Korangadu

In Tamil Korangadu means left over land (uncultivated/unploughed /unsown land). Korangadu grassland, the traditional grazing land for native livestock is found specifically in Western Tamil Nadu in the semiarid tract is known as the breeding tract of "Kangayam" cattle. The animals do not have infertility problems if grazed in the Korangadu pastureland. Korangadu is typically a mixture of grass, legumes and tree species including annual and perennials.

Like Savanna grasslands in Africa and Steppes in Europe, Tamil Nadu is known for the Korangadu grassland. Korangadu has predominantly three major species of flora which are spatially in three tiers. The lower tier is grown with grass *Cenchrus*; tree species include *Acacia leucophloea* locally called as Velvel and land is fenced with thorny shrub locally called as Kiluvai (*Commiphora berryi*).

The grassland promotes robust varieties of birds and native species of cattle. An ongoing study by SKCRF found that Korangadu supports more than 118 varieties of birds like Blue-faced Malkoha, the Loten's Sunbird, the Small Minivet, the Spotted Owlet and many more.

The Korangadu grassland, which existed on three lakh acres in western districts of Coimbatore, Erode, Tirupur, Namakkal, Karur and Dindigul in 1960s, had currently dwindled to just 1.5 lakh acres. The grassland is further shrinking at a rapid pace due to high levels of pollution and other deteriorating factors. Around 50,000 to 80,000 acres of grassland, which existed along the banks of the river Noyyal has come down sharply due to indiscriminate pollution of the River. The Korangadu grassland may go extinct if not preserved now. The Korangadu-Kangayam cattle grazing system is an important aspect in preventing desertification especially in a low rainfall semi arid zone like Western Tamil Nadu.

Due to continuous depletion of Korangadu, already a native breed of cattle Alambadi has gone extinct and the Kangayam breed too is on the verge of extinction. Korangadu, which normally has 24 different varieties of grasses and seven tree species, also reduces the carbon footprint as the grass grows naturally without use of fertilizer. An awareness drive needs to be undertaken on a large scale to prevent depletion of Korangadu grassland.



Korangadu after good rains in June 2014.

Other events

TNAU convocation

August 26 2014 - Mr. Karthikeya Sivasenapathy was invited for the 35th convocation as a board member to Tamil Nadu Agricultural University, Coimbatore. Dr. K. Rosaiah, the Governor of Tamil Nadu and Chancellor of TNAU presided over the convocation. Honorable Minister of Agriculture, Government of Tamil Nadu and pro- Chancellor of TNAU Thiru Agri. S. S. Krishnamoorthy announced endowment of prizes and medals. Former Director, Indian Institute of Science, Bangalore was the Chief Guest and delivered the convocation address.



Vellalar College for Women, Thindal, Erode

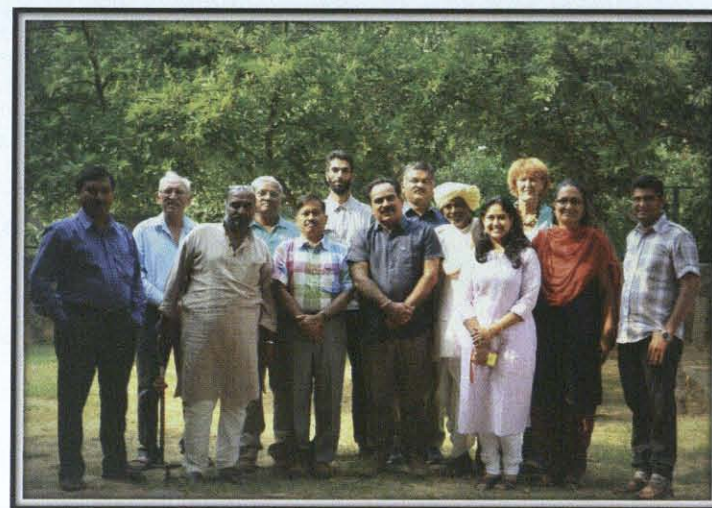
September 10 2014 - Managing Trustee of SKCRF was the Chief Guest for College Union meeting of Vellalar College for Women, Thindal, Erode and spoke on "Wealth of The Yoke - Native breeds of India."

Rotary Club

October 01 2014 - Managing Trustee was the speaker in the "Joint Club Speaker Meeting" organized by the Rotary Club of Coimbatore. He spoke on "Conservation of Kangayam Breed of Cattle". As a result a large number of people started breeding Kangayam cattle in their homes and farms.

Bio-cultural Protocol Meet

November 05-07 2014 - SKCRF was represented at a very important consultation regarding Bio-cultural Protocol, held in Delhi on November 05-07. SKCRF was given the task of preparing BCP for Kangayam and Korangadu.



March 08-12 2015 - SKCRF was a participant in the consultation by the United Nations Food and Agricultural Organization conducted by the World Alliance of Mobile Indigenous People (WAMIP) in Ahmadabad.



XII Annual Convention Madras Veterinary College, TANUVAS and SOCDAB

February 14 2015 - Karthikeya Sivasenapathy made a presentation on "Kangayam cattle, pride of Tamil Nadu, past and future strategies for their improvement - A Farmers View" in the International Symposium on "Sustainable Management of Animal Genetic Resources For Livelihood Security in Developing Countries" by Tamil Nadu Veterinary and Animal Sciences University (TANUVAS), Chennai and Society for Conservation of Domestic Animal Biodiversity (SOCDAB).



Pastoral Knowledge Hub and Livestock Agenda Meeting

March 09-11 2015 - Managing Trustee attended the Pastoral Knowledge Hub and Livestock Agenda Meeting held in Gopnaad, Gujarat, India.



Government College of Women, Kumbakonam

March 12 2015 - Karthikeya Sivasenapathy was invited as the Chief Guest of Government College of Women, Kumbakonam for a UGC auto grant sponsored National conference on "Cow based sustainable rural income and employment generation". He spoke on the role of native cattle on sustainable rural income and employment generation. The conference was organized by the P.G. and Research department of Zoology.

SKCRF in the Media

Times of India article – An End to a Run? 11th May 2014

<http://timesofindia.indiatimes.com/home/sunday-times/deep-focus/An-end-to-the-bull-run/articleshow/34949721.cms>

The Hindu article – German team impressed with Kangayam cattle 9th September 2014

<http://www.thehindu.com/todays-paper/tp-national/tp-tamilnadu/german-team-impressed-with-kangayam-cattle/article6392633.ece>

The Hindu article – Bulls in her backyard 7th March 2015

<http://www.thehindu.com/features/magazine/bulls-in-her-backyard/article6966098.ece>

Kangayam cattle breeders plea to PM

<http://www.thehindu.com/news/national/tamil-nadu/kangayam-cattle-breeders-plea-to-pm/article6782832.ece>

Kangayam cattle pride of Tamil Nadu past and future for their improvement –A farmer's view.

List of cows and bulls issued by SKCRF

Mr. Arjunan, Thennakaraipalayam, 2 nos of male calf
Mr. Arjunan, Thennakaraipalayam, 2 nos of oxen
Helpage India, Thamarakuppam, 2 nos of cows, 1 bull
Mr. Maheswaran, Vendasandur, 3 nos of heifer
TVS Srichakra Limited, Madurai, 2 nos of cows, 1 male calf
KR Farms, Valayaru, 3 nos of heifer
Mr. H. Raja, Karaikudi, 1 young bull
Dr. Naresh, Kallimandayam, 1 cow
Mr. Ramakrishnan, Coimbatore, 1 cow
Mr. Vikram, Coimbatore, 2 nos of cows
Mrs. Gowri Kamakshi, Krishnagiri, 1 cow, 1 male calf

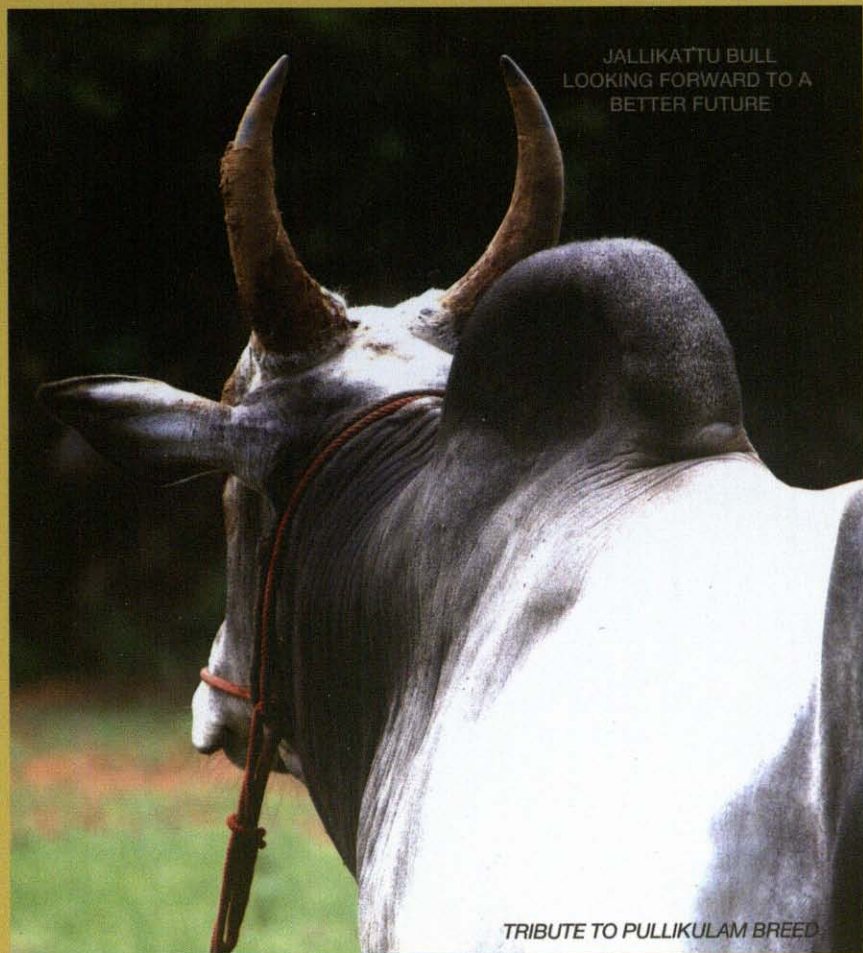
Acknowledgements are due to :

Individuals

Mr. Vasanthakumar Praveen Raja
Mr. Mohan, AET School
Mr. Guhan Ram, Karur
Mr. Vivekanandan, Pothipalayam
Mr. Manikandaraja, Karur
Mr. Senthilnathan, Kangayampalayam
Mr. Karthikeyan, Kolathupalayam
Mr. Mahesh, Chittode
Mr. Raju, Tirupur

Institutions

Horse Breeders Association, Tirupur
Nandhi Traders, Coimbatore
Balu Exports, Tirupur
Nu-Tech Components, Chennai
National Biodiversity Authority, MoEF
CARE Team, SVCE



JALLIKATTU BULL
LOOKING FORWARD TO A
BETTER FUTURE

TRIBUTE TO PULLIKULAM BREED



**SENAAPATHY KANGAYAM
CATTLE RESEARCH FOUNDATION**

(AN IN SITU BREEDING AND CONSERVATION CENTRE)

Kuttappalayam (p.o.), Tiruppur District, (Formerly Erode District)
Tamilnadu - 638108, India

T + 91 4257 294234 | 4257 250231 | 4257 254504
mail@kangayambull.com | karthikeyaksm@gmail.com

www.kangayambull.com