



ANNUAL REPORT 2012/13

SENAAPATHY KANGAYAM CATTLE RESEARCH FOUNDATION

UNBRIDLED KANGAYAM

Annual Report 2012-2013

Senaapathy Kangayam Cattle Research Foundation
(An in situ breeding and conservation centre)

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About us

Senaapathy Kangayam Cattle Research Foundation is an in-situ conservation and breeding centre based in Kuttapalayam in Tirupur 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 of SKCRF, lovers of native livestock, members of Kangayam Cattle Breeders Society (KCBS) and Policy makers:

It has been a turbulent year for SKCRF due to two consequent monsoon failures and as a result, non availability of fodder for livestock. There has been massive distress sale of Kangayam cows and oxen. It has led to a stage where it would not be inappropriate to call the breed an endangered species. Earnest steps need to be taken to address this issue. Conserving bio-diversity is vital to a healthy ecosystem and achieving a world without hunger. Livestock are an important but often neglected part of biodiversity. We must conserve our rich heritage of animal breeds so we can produce livestock products in harsh environments especially in the context of climate change. The managing trustee had important meetings with senior officials of the Government of Tamilnadu and Union Government of India to appraise them. During the interactions he had proposed various schemes and proposals to conserve the native livestock of Tamilnadu. It is heartening to see the Government of Tamilnadu has announced in its budget various schemes to conserve native livestock. I sincerely hope this would create the required momentum to conserve and save our fast vanishing breeds. The third edition of "Kangayam cattle show" went on well with the support of National biodiversity authority, Ministry of Environment and Forest and "Kangayam Cattle Breeders Society (KCBS). It is encouraging to note that the Kangayam cattle breeders society is dynamic, democratic and full of energy.

"Sponsor a cow" program has been inaugurated with the feedback and support received from Thirumathi. Kalpana Ramachandran, Thiru Chenji and Thiru. Krishna Raj families living in the United States. My heartfelt gratitude to them for living far away and wanting to support grass root level activities in their native region. We have also introduced "stay for a while programme" at SKCRF for visitors, livestock keepers etc to stay with our family and experience firsthand livestock keeping. The several enquiries and visitors are very encouraging.

I would like to thank the media particularly "The Hindu", Pasumai Vikatan, an important magazine in Tamil on organic farming and Thina Thanthi. I would also like to acknowledge the support from visual media.

The board of trustees of SKCRF has been expanded with the addition of eminent people in various fields who have been supportive of our activities in various ways. On behalf of SKCRF I would like to welcome Mr. Arun Mahalingam, Mr. Somasundaram, Mr. E. N. Sivasenapathy and Mr. Sundar Ganesan on board.

I request one and all to support all men, woman, families and institutions conserving livestock.

Sincerely,

K. Saminathan Sivasenapathy

2012 -13

The Report

The year 2012-13 was loaded with several activities such as visits by various people to SKCRF, engagement with the Government, taking part in exhibitions, field visits, International events, providing service and support to livestock keepers. This can be seen in the following report.

Training / Meetings / Seminars / Visits

In April 2012, Karthikeya Sivasenapathy (Karthikeya) attended a consultation on the Global Agenda for Action for a Sustainable Livestock Sector in New Delhi. The meeting was conducted as a backdrop to the forthcoming meet of Global Agenda of Action in support of sustainable livestock sector development in Nairobi, Kenya. (For further information visit www.livestockdialogue.org)

In June 2012, a seminar on the topic “Green Inspiration” was organized by Wild Wings society at Kumaraguru College of Technology. Karthikeya made a presentation on native breeds of cattle of Tamilnadu. He listed the threats to Korangadu grazing system associated with the Kangayam breed. He also talked about the problems of Bargur Hill Cattle regarding the penning rights in the forest. He stressed on the need for implementation of the Forests Rights Act 2006.

On 7 July, 2012, Karthikeya and E. N. Sivasenapathy, a co-trustee, SKCRF and Secretary “Bargur Hill Cattle Breeders Association” attended a conference organized by Vechur Conservation Trust and National Biodiversity Authority titled “ National Conference on Native Livestock Breeds for future of mankind” at Baharanangnam, Kottayam, Kerala, the southern most state of India. Karthikeya gave a presentation on “Forests and People “. He traced the history of forests from historical times through the colonial rule and after the Indian independence and the gradual process of alienation of forests from the communities who have been living there for thousands of years.

In August 2012, Mr. K. S. Sivasenapathy, the chairman of SKCRF, presided over Goatry 2012, a meet organized at Coimbatore by Indian livestock farms and Central Institute of Goats, Hissar for sustainable livestock breeding. The meeting elaborated on the economic importance of small ruminants like goat and sheep for a sustainable life for the landless marginalized livestock keepers.

In January 2013, a fact finding team from SKCRF comprising of its trustees attended “Jallikatu” Bull Baiting at Alanganallur, a traditional age old annual sport that has been there since time immemorial, to see if there was any harm done to the bulls during the sport. The team made an independent assessment and found that there was no harm done to bulls. The team watched the event directly and interviewed the people engaged in the sport and also vendors and other public to get a first hand feel about the event. In fact, people were extremely passionate about the sport and they treat the animals like Gods.



Bulls assembled in a row,
Jallikattu, Alanganallur

Convention of Biological Diversity Conference of Parties (COP) 11

In September 2012, Convention of Biological Diversity Conference of Parties (COP) 11 was hosted in Hyderabad, India, comprising of countries who are signatory to the Rio summit 1992. Karthikeya, Gunadharan, Sundar Ganesan, Arivudai Nambi, E. N. Sivasenapathy and Arun Mahalingam, all trustees of SKCRF participated in the CBD event representing SKCRF and the collective group of pastoralists, the Life Network. Kangayam cattle livestock keepers, Natarajan, Vivekanandan both being recipients of breed saviour awards for in situ conservation instituted by Life Network and the National Biodiversity Authority also participated in the Convention. Professor M.S. Swaminathan, Chairman MSSRF, Member of Parliament Rajya Sabha released the SKCRF publication "Wealth of Yoke", a monograph on Kangayam cattle and Korangadu. It was received by Mr. Peter Kenmore, Regional Representative Food and Agriculture Organization, New Delhi, Linda Collette of Globally Important Agricultural Heritage Systems, Pablo B Eyzaguire, Bioversite International.



Prof. M. S. Swaminathan launching book at CoP 11

Karthikeya presented on the Korangadu, a unique silvipasture grazing system found in the western region of Tamilnadu at the side event "India's Forgotten Grasslands" organized by Dr.Nithya Gohtge of Anthra. The event was presided over by Dr.Suvarna, I.F.S., Special Commissioner to Government of Andhra Pradesh.

Exhibitions

Five exhibitions were held this year by SKCRF on various occasions.

An exhibition stall was set up to create awareness on native livestock and breeds of Tamilnadu at the Kannapuram Kangayam cattle shandy – Kannapuram Maatu Thavani held between 23 and 30 April 2012. It is a ten day annual festival beginning with the full moon day (Pournami) of the Tamil month Chittirai. The event culminates in the Temple Car and the Mariamman Temple Pongal festivals. See "Wealth of Yoke", a publication of SKCRF for more information on Kannapuram shandy.

A training program for farmers was organized by SKCRF at Thuraiyur, Trichy with support from Mr. Anbu Sundarananda Swamigal of the Good Earth trust on



Anbu Sundarananda Swamigal

23 June 2012. The training program was for promoting organic farming using natural farming methods by use native cattle dung and urine making jeevamiratham, amirthakaraisal, panchakavya and vembasthram. An exhibition was also put up along with this and Kangayam stud bull was used in the exhibit to promote awareness of native cattle.

This year the Anthiyur cattle shandy was held between 6 and 15 August, 2012. An exhibition stall was put up at the shandy during the time to create awareness on -native breeds of cattle, on the communities that rear them, and the problems faced by Bargur cattle on issues such as penning rights in the forests. There was also a training program for preparation of herbal formulations and microbial culture through Jeevamiratham, Panchakavyam and Ganajeevamiratham.



Rajkumar Manradiar inaugurating the Cattle show

On 10th February 2013, Kangayam cattle show 2013 was held at Pushpagiri nagar, Vellakovil. The event was supported by National Biodiversity Authority and organized by SKCRF and Kangayam Cattle Breeders Society (KCBS). This show is an annual event to award the best pedigree Kangayam cattle in categories of cow, bull, oxen and heifers. The event encourages passionate livestock keepers of the Kangayam breed and provides impetus for furthering the improvement

of the breed. The show was inaugurated by Mr. Rajkumar Mandradiar, Pattakarak (clan head) and Chairman of Kangayam Cattle Breeders Society. The event had important dignitaries like Mr. Ganeshmoorthy, member of Parliament, Erode constituency, Mr. Venugopal, Member of Legislative Assembly (MLA), Palani, Mr. Saminathan, former Minister., Dr. Sosamma Iype and Prof. Iype and Dr. Jayan from the Vechur Conservation Trust were guests of the SKCRF at the event. The event was a success and had active participation of farmers and livestock keepers. The print and visual media extended their support in raising awareness for the need to conserve



CARE team lending their hands at the show

native livestock. The in situ conservation of native animals is being supported by the NBA, MoEF. India being a signatory to the United Nations Convention on Biological diversity has taken the right direction in setting the agenda by conserving native livestock breeds and support initiatives to ensure its protection.

Tree sapling distribution program

In December 2012, Mrs. Gajalakshmi District Revenue Officer was invited as a Chief Guest by SKCRF for free tree sapling distribution. Mrs. Azagu Meena, Revenue divisional officer graced the occasion along with the DRO. 2000 saplings were distributed to farmers and people of the neighbouring villages. Indirani Sivasamy, President, Valliarichal Panchayat, Shanmugasakaran, President, Palayakottai Panchayat and Selvarasu, Vice President, Valliarichal Panchayat attended the event to show their solidarity with the programme and encourage more people to undertake tree planting and 'greening' their villages. SKCRF is thankful to Mrs. Vanitha Mohan, Vice Chairman, Pricol Industries and Managing Trustee Siruthuli for providing saplings for the tree planting programme.



Mrs. Azhagu Meena looks upon as Mrs. Gajalakshmi hands over a sapling

Sangam 4

In December 2012, Sangam Nanku (Sangam 4) a TED like talk show comprising a compendium of lectures and talk series was organized by 'Naam' organization. Scholars from diverse fields from Tamilnadu made their presentations. Karthikeya gave a talk titled " Meli cinnam kolai padathu" or " wealth of yoke " reiterating the significance of cattle as a symbol of wealth and prosperity among livestock keepers and farmers. The evolution of breeds of Tamilnadu such as Kangayam breeds are a product of "complex interplay of nature and culture". He spoke on the ancient system of Aachi Maadu. It is a system where a kangayam cow and its calf is gifted to the daughter from her parental house when there is a new born baby. He also spoke on A1 beta casomorphin (bcm7) and A2 milk. He emphasized only A 2 milk should be fed to children up to age of 7. He also spoke on the ban imposed on A1 milk causing allergy by certain countries in the West, leads to diabetes, heart disease, autism and more recently cot death (sudden infant death syndrome). He quoted this from the January 2009 report of European food safety authority.

In January 2013, there was a meeting of Kangayam Cattle Breeders Society KCBS, presided by K. Saminathan Sivasenapathy Chairman, SKCRF, Karthikeya Sivasenapathy, Managing Trustee SKCRF and Secretary, KCBS, Somasundaram Treasurer, KCBS and 25 members of KCBS attended the meeting and decided on the date, venue and other arrangements to be made for the Kangayam Cattle Show 2013.

In January 2013, a sequel meeting to Global agenda for action in support of sustainable livestock sector held in Delhi by FAO, the 3rd multi stake holder platform meeting was held at Nairobi, Kenya. This international meet was organized by Food and Agricultural Organization (FAO) of the United Nations, International Livestock Research Institute (ILRI) and World Bank providing a platform for stake holders in livestock. The Livestock, Environment and Development (LEAD) supported World Bank, European Union, the Ministere des Affaires Etrangeres (France), German Federal Ministry for economic Cooperation and Development (Germany), the Department for International Development (United Kingdom), the US Agency for International Development (USA), The International Development Agency (Denmark), the Swiss Agency for Development (Switzerland), the International Fund for Agricultural Development (IFAD) and FAO. The Global Agenda for Action in Support of Sustainable Livestock Sector Development is a multi-stake holder initiative focuses on issues of resource-efficiency use in livestock sector and support livelihoods, long term food security and economic growth. Three key areas of the Agenda's focus were on:



Acacia Alba, Vellai Velan tree in Kenya .

1. Closing the efficiency gap: application of existing technology and institutional frameworks to generate large resource use efficiency, economic, and social gains
2. Restoring value to grasslands: Harnessing grass/rangeland's potential to contribute to environmental services and sustainable livelihoods
3. Towards zero discharge: Reducing nutrient overload and green house gas emissions through cost effective recycling and recovery of nutrients and energy contained in animal manure.

It had important dignitaries comprising of Jimmy Smith Director, International Livestock Research Institute, Francois G Le Gall Livestock Advisor, The World Bank, Elizabeth Katushabe, Project Officer, Pastoral and Environment network in Horn of Africa (PENHA), Dr. Ilse Koehler Roffleson of L.P.P. Germany. Mr. Karthikeya Sivasenapathy of SKCRF, and Nilakanth Mama were the only two livestock keepers

who participated from India.

In February 2013, the Managing Trustee, Karthikey Sivasenapathy met Mr. G.C. Pati, Secretary, Agriculture, dairy and Animal Husbandry, Union Government of India, Mr.G.S.Bedi I.A.S., Secretary Animal Husbandry Government of Tamilnadu, Mr. Palaniappan I.A.S., Director Animal Husbandry, Government of Tamilnadu and Mr. Palaniappan I.A.S., Collector, Tirupur district and gave them a proposal for the conservation of native livestock. The proposal requests the government to support livestock keepers directly for the upkeep of cattle and offer such incentives to conserve native cattle.

In February 2013, a review meeting of KCBS was convened by Karthikeya at SKCRF and accounts pertaining to the Kangayam Cattle Show was submitted to the members. Discussions were held to increase membership of the KCBS and there was introspection on how to further improve the Kangayam cattle show for the next year.

Expansion of the board & Induction of Trustees

Four new trustees were inducted considering their services in various fields. They are Arun Mahalingam (Political Sciences), E.N. Sivasenapathy (Advocate), Sundar Ganesan (Archives and Libraries) and P. Somasundaram (Advocate).

Other Events

In July 2012, the trustees of Senaapathy Kangayam Cattle Research Foundation visited Bargur and documented the Bargur breed of cattle and the associated communities of Lingayats who rear them. Problems relating to penning rights in the forests and other threats to the breed such as small breeding population, dilution of breeds by other exotic and native breeds were documented. The communities were for implementation of Forest Rights Act (FRA) 2006 that recognize their right to their way of life and livelihoods in the forest.

On 24 September 2012, a biogas plant was installed at the foundation making use of the readily available cow dung maintained at our leased farm. The installation provides for cooking purposes which uses renewable energy, non reliant on LPG making it a viable alternative to conventional methods.

In November 2012, Mr. Gunadharan, a trustee with a team of botanists, documented the flora and fauna of the Korangadu in an attempt to document the biodiversity of the Korangadu ecosystem. A report is on its way.



In support of Jallikattu

The Senaapathy Kangayam Cattle Research Foundation received 100 copies of the book “Invisible Guardians” published with support from Food and Agriculture Organization brought out by Dr. Ilse Kohler-Rollefson. An article in the book titled “Women as managers of livestock diversity” had acknowledged livestock keepers Mrs. Soundaram Ramasamy, Kathasamypalayam, Mrs. Palaniammal, Veerasolapuram, and Puliampatti Nallsivam as guardians of the Kangayam breed. SKCRF facilitated the field visit by Dr. Ilse Kohler-Rollefson in documenting these passionate women livestock keepers as guardians of biodiversity. Their role in protecting and conserving the Kangayam breed contributes to not only preserving biodiversity but also helps sustain their livelihoods and empowering them. This documentation process was aided by SKCRF which was acknowledged in the FAO report.

In January 2013, SKCRF organized a protest against People for Ethical Treatment of Animals PETA which organized the campaign to “Ban Jallikattu”. SKCRF has been a strong advocate of conservation of native cattle and the sport of Jallikattu which helps preserve specific strands of cattle such as Puliakulam. (a breed from southern part of Tamilnadu).The sport of Jallikattu “bull vaulting/Eru thazhuval” is part of farmer festivities and an important cultural heritage that has been in vogue for thousands of years. There is a misconception that there is animal cruelty in this sport and SKCRF’s role was to remove this. A petition was created and an appeal sent urging the Ministry of Environment and Forest, the Chief Minister of Tamil Nadu and the Supreme Court to allow the conduct of the traditional sport of Jallikattu. See <http://www.change.org/petitions/hon-supreme-court-of-india-min-of-env-for-hon-cm-of-tamilnadu-allow-jallikattu-as-traditional-sport-of-india> It is a known fact that Jallikattu has been in existence since the Indus Valley Civilization.



Indus Seal depicting the sport

Other Activities and Services

SKCRF facilitated a research student Mr. Ramachandran during his Phd. in department of environmental bio technology at Bharatidasan University, Trichy in collecting fecal and urine samples of Kangayam bull, oxen and cows. The study pertains to understanding the animal communication during the oestrous cycle. The study has been undertaken under the guidance of Dr. S. Achiraman, Department of Environmental Bio-technology, Bharatidasan University, Trichy.

On 4 December 2012, Mr. G. Vidyadharan, Forest officer from the Nilgiri's range procured 100kgs of seeds treated with Bijamritham for sowing grasses for elephants to forage.

List of cows and bulls donated/issued by SKCRF:

Two cows and two heifers were donated to Kaumaram Sushila International Residential School to raise awareness amongst school children on native breeds of cattle.

Two cows were offered to A.G.N Farm Ltd, Ganapathypalayam.

Dr M.J. Narasimhan was donated with one stud bull for his Goshala, G.A. Trust, Thennangur.

Mr. K. Udayakumar, Avinashi was issued with two male calves and two female calves.

Mr. Gokul Narendran, Accenture, Chennai was issued two heifers and a male calf.

Mr. Shiva Kannan, Amaravathi Textiles, Karur was issued a cow.

Visitors to SKCRF

SKCRF has been attracting a large number of visitors to its farm and "Korangadu". Here is a list of few visitors this year.

Professor Dr. P. K. Raju, Assistant Director, Research, Kerala Agricultural University, Thrissur, visited SKCRF in April 2012 to get an understanding of organic farming and zero input farming practices using cow dung and urine at SKCRF.

In June 2012, Mr. S. Pathy, Managing Director, Lakshmi mills, Director Lakshmi Machine Works, Mr. C. R. Swaminathan, Trustee, P. S. G. and Sons Charities, Mr. Balasundaram, President CII, Coimbatore chapter visited the foundation to

have a improved understanding on use of cow dung and urine in farming, and to have a tie up for further work. The foundation has offered its premium bull for breeding purpose to Mr. Pathy's Kangayam breeding farm. Mr. Pathy is a passionate Kangayam breeder himself. He also offered very valuable suggestions to improve the pedigree.

On 2 September 2012, Professor. Dr. Achiraman and Dr. S. Kamalakannan of Bharatidasan University, Trichy, visited the Foundation. This is part of the collaborative effort of Prof. Achiraman and his research team for conducting research at SKCRF.

On 15 September 2012, Mr. V. Raju , Vice chancellor, Vellore Institute of Technology (VIT), Vellore visited the foundation and was much impressed with the work carried out at the Foundation. He has assured all support and help for furthering the cause of conservation of biodiversity and livestock.

On 7 December 2012, Mr. Michael, Assistant Director, Audit visited the foundation to understand the work being done here and to appraise the Government of Tamilnadu.

On 15 December, 2012 Mrs. Gajalakshmi District Revenue Officer, Mrs. Azagu Meena, Revenue Divisional Officer, visited the foundation and had a tour of the cattle farm. We sought their support in the conservation of native breeds of cattle and requested their help. Both evinced their interest in wholeheartedly supporting our activities and offered all possible assistance.

On 17 December 2012, Mr. Theodore Baskaran visited the foundation. He has been one of the passionate advocates of wildlife conservation and the much neglected conservation of native domestic breeds. The credit for taking up the cause with the Government of India to issue a postal stamp on Kangayam bull goes to him when he was the Chief Post Master General. He had a tour of the korangadu. He identified quite a number of birds and added to our already growing database of bird species in the Korangadu. He stressed on the need to preserve the Neolithic burial sites found in our Korangadu. He also visited our local school Anoor Vidhyalaya Matriculation School and interacted with the children stressing on environment issues and their role in protecting it.

On 22 December, 2012, 22 students from Sri Venkateshwara College of Engineering, Chennai visited the foundation. It was part of the initiative of the CARE Organization headed by Aarthi Sureshkumar, the President and two alumni Hima Anugula and Ramesh Rajesh. They visited the Korangadu ecosystem and documented about 48 bird species. They had an understanding on the linkage between the Kangayam breed and the Korangadu ecosystem which are mutually inseparable. The visit included homes of livestock keepers and studied their livelihoods and their animal rearing practices.

On 15 January, 2013, five international students, part of the youth exchange program from United States of America and Germany visited the farm and learnt about the native breeds of cattle and the organic and natural farming practices. They stayed on to participate in the Pongal festivities in the farm giving them an insight into the farmer's festival of Tamilnadu.

On 15 February, 2013, Mr. Sri Ram Asst. General Manager, NABARD visited the foundation and had a tour of the farm and he was informed of the activities of the foundation.

On 23 February 2013, five Doctors and Professors of Tamilnadu Agricultural University with ten trainees (CAFTA) visited the farm.

On 10 March 2013, Mr. Balakrishnan IAS, Honorary Consultant, Indus Research Centre of the Roja Muthiah Research Library, Prof. R.M. Pitchappan of Chettinaad Hospitals and member National Geographic Genomic Project and Sundar Ganesan, Director, Roja Muthiah Research Library visited SKCRF. The research at the Indus Research Centre pertains to connecting the Dravidian linkages to the Indus Valley Civilization and the study of the migration of man and the cattle that came along with him might hold important clues to proving the theory.



Mr. S. Pathy, Mr. C. R. Swaminathan & Mr. Balasundaram with the Chairman



Mr. S. T. Baskaran visiting the Korangadu



Dr. V. Raju, Vice Chancellor, VIT, along with the Chairman during his visit



Prof. Pitchappan & Mr. Balakrishnan IAS at the Korangadu



Dr. Aachiraman, Dr. Kamalakannan at SKCRF



Students from CARE group in Sri Venkateshwara Engineering College, Chennai



International Students visit to SKCRF

Kangayam Cattle Show, 2013



Mr. Venugopal, MLA, Palani



Mr. Ganeshamoorthy, MP, Erode



A busy street at the Cattle fair



Awardee with his Cow

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Mr. Chenji and Mr. Krishnaraj family

Mr. Dinesh Subramaniam, Managing Director, Professional Couriers, Salem

Mr. Ganesh, President, Kangayam Cattle Breeders society, AteX, Karur

Mr. Ganeshmoorthy, Member of Parliament, Erode

Mr. Gopalakrishnan, Elavandhi, Vadukapalayam

Mr. Guhan Malayappasamy, Karur

Mr. Hima Anugula, Chennai

Dr. Ilse Kohler-Rollefson, Germany

Mr. Jagadesan, Balu Exports, Tirupur

Mr. Jeevanathan, artist, Coimbatore

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Mr. Kumarasamy, Vela Attu Pannai Nachivalasu

Mr. Mahadevan, 7th Ward, Vellakoil

Mr. Mahesh, V.P., Chittode

Mr. Mohan, AIT School

Prof. M. S. Swaminathan, MSSRF, Chennai

Mrs. & Mr. Natarajan, Nu Tech Components, Chennai

Mr. Naveen Mandradiar, Palayakottai

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Mr. Palanikumar, Advocate, Reddyvalasu

Mr. Pundi Sriram, Chennai

Mr. Rajesh, Executive Director, KPN Travels

Mr. Ramanathan, Vettukattuvalasu

Mr. Ramesh Rajesh, Chennai

Mr. Shivakannan, Amaravarthy Textiles, Karur

Ms. Smitha Anand and Ms. Renuka Balakrishnan, Chennai

Mr. Somasundaram, Panchyat President, Velappanaickenvalasu, Kangayam Taluk,
Tirupur district and treasurer, Kangayam Cattle Breeders Society

Students of Sri Venkateshwara College of Engineering, Chennai – Aarthi

Sureshkumar (President of CARE), Navapriya M, Subangh M, Vimal Raj, Ramesh

Rajesh, Rathnavel Pandian, Ashish Tatolu, Sucharitha Parthan, Venkata Prashanth,

Akilesh Nair, Lakshmi Prabha, Gowri Narayani, Amritha S, SSNC of Engineering
and Harsha Vardhan, RMKC of Engineering

Mr. Suresh, Polavakalipalayam

Mrs. Vanitha Mohan, Vice Chairman, Pricol Industries, Coimbatore

Mr. Venugopal, Member of Legislative Assembly, Palani

Mr. Vinobha Nathan, Lonely Planet

www.kangayambull.com



**SENAAPATHY KANGAYAM
CATTLE RESEARCH FOUNDATION**

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