



# TAMIL NADU VETERINARY AND ANIMAL SCIENCES UNIVERSITY NEWS LETTER

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## FROM THE DESK OF THE VICE-CHANCELLOR, TANUVAS

Dear Readers,

At the outset I extend Seasons Greetings and Warm Wishes for a **“HAPPY, HEALTHY AND PROSPEROUS NEW YEAR AND PONGAL”**. Let the New Year bring happiness, prosperity, peace and good health to everyone.

The year 2018 is another fruitful year for ‘TEAM TANUVAS’ and we made a significant and recognizable progress in the frontiers of education, research and extension. It has become habitual for the ‘TEAM TANUVAS’



to be always in the forefront and I am proud to place on record that the Bargur Cattle Research Station has been conferred with the prestigious Kamadhenu Award for conservation of native breeds by the Department of Animal Husbandry, Dairying and Fisheries, Ministry of Agriculture and Farmers Welfare, Government of India. Recently TANUVAS has established a Section 8 company, named Veterinary Incubation Foundation @ TANUVAS. This is the first dedicated veterinary incubator in the country. This incubator aims to target students and professionals in the field of veterinary sciences, life sciences and other related technology areas. Further, TANUVAS competed with 72 SAUs and 3 Deemed to be Universities of ICAR and obtained a grant of Rs.28.00 crores from ICAR towards Institutional Development Plan under its flagship National Agricultural Higher Education Programme (NAHEP) funded by the World Bank to promote any time learning, student development through inculcation of domain skills and soft skills, faculty development through national and international

programmes and scores of other activities. The University has established two research stations for conservation of Kangayam and Pulikulam breeds of cattle at Erode and Sivagangai Districts respectively, registered the ‘Salem Black goat’ as breed and obtained the breed registration certificate, developed a new crossbred pig, “TANUVAS KPM Gold” which is highly disease resistant and adaptable to local agro-climatic conditions, created GMP facilities for Stem Cell Research and Regenerative Medicine and sequenced the whole genome of Canine Parvovirus and Feline Panleukopenia virus. The Government of Tamil Nadu has provided liberal grants towards the upliftment of farmers, landless labourers and unemployed youth and funded 8 projects to the tune of Rs. 1,582.86 lakhs, including a scheme for the establishment of Alambadi Cattle Breed Research Centre at Pennagaram in Dharmapuri District.

In spite of getting accolades in academic and scientific fronts, service to the farmers continue to be the primary objective of TANUVAS. ICAR has accorded sanction for the establishment of a new KVK at Chinnasalem in Villupuram District under the technical and administrative control of TANUVAS and in this regard a MoU for the establishment of the same has been signed. With an ultimate focus to bring about a multi-faceted and holistic development of villages by acquiring a thorough understanding about the dynamics of the implementation of various Government schemes and programmes, TANUVAS has implemented the “Village Adoption Programme” by adopting 31 villages and implemented social development activities. Under the “Farmers FIRST” initiative of the ICAR implemented in six villages of Tiruvallur District, a 60% increase in the farmer’s income was achieved through technological interventions in agriculture, horticulture, livestock and poultry.

The veterinary health and clinical services offered at TANUVAS are on par with international standards. One of the significant achievements in clinical services is the establishment of Computer Tomography (CT) scan

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units at MVC and VC&RI, Namakkal. The Veterinary Clinical Complexes at the four veterinary colleges and the Peripheral Veterinary Hospital at Madhavarm Milk Colony has referral facilities with ultrasonography, endoscopy, electrocardiography, orthopaedics, haemodialysis, ophthalmology, dermatology, canine blood bank, etc. The “Animal Mobile Medical Ambulance (AMMA)” for rural veterinary care in Tamil Nadu launched by the former Chief Minister of Tamil Nadu has made significant progress. Ten numbers of specially designed animal ambulances with facilities to attend medical, surgical and gynaecological conditions and to transport sick and recumbent animals from the door step of the farmers to the hospital for advanced treatment are functioning in five districts namely Kancheepuram, Madurai, Tiruchirappalli, Thanjavur and Namakkal.

At the dawn of 2019, I request the faculty, staff and the stakeholders to join together as ‘TEAM TANUVAS’ to serve the farming community in the best possible way. On behalf of ‘TEAM TANUVAS’, I once again extend my New Year and Pongal wishes and reassure each and every livestock and poultry farmer of Tamil Nadu that it is always ‘FARMER FIRST’ for ‘TEAM TANUVAS’.

Best wishes  
**Dr. C. Balachandran**  
 Vice-Chancellor, TANUVAS

### NATIONAL CONFERENCE ON NATIVE CHICKEN



Poultry Research Station, TANUVAS, Chennai organized a two days national conference on “Native Chicken Production: Opportunities for conservation, productivity enhancement and commercial exploitation in view of global warming” at MVC on 19.12.2018 and 20.12.2018. Thiru. Udumalai K. Radhakrishnan, Hon'ble Minister for Animal Husbandry, Government of Tamil Nadu inaugurated the conference, distributed inputs to farmers and prizes for champion birds, released the farmers hand book and compendium and in his inaugural address highlighted the importance of the poultry development scheme launched by the Government of Tamil Nadu in alleviating poverty and augmenting sustainable livelihood for the poorest of poor. Dr. C. Balachandran, Vice-Chancellor, TANUVAS in his presidential address narrated the user friendly, affordable and economically viable technologies developed by TANUVAS and emphasized about Nandanam Chicken II, III and IV, Namakkal Chicken I, Oral pellet vaccine against Newcastle disease and farm implements. Dr. P. Tensingh Gnanaraj, Registrar, TANUVAS, delivered the special address. Dr. V. Ramesh Saravana Kumar, Chairman, Organizing Committee and Director, CAPS, TANUVAS and Dr. K. Mani, Co-Chairman, Organizing Committee and Dean, CPPM, Hosur

felicitated. Dr. A.V. Omprakash, Organizing Secretary and Professor and Head, PRS, Chennai delivered the welcome address and Dr. S. Ezhilvalavan, Professor, PRS proposed vote of thanks. An exhibition was also organized showcasing the various technologies including live specimen of various native chicken strains developed during the occasion. Dr. P. Tensingh Gnanaraj, Registrar, TANUVAS participated in the valedictory function held on 20.12.2018, distributed certificates to the participants and for best oral presentations and delivered the valedictory address. Dr. J. John Kirubaharan, Dean, MVC felicitated. A total of 99 scientists and 119 farmers participated.

### NATIONAL SYMPOSIUM CUM WORKSHOP



A National symposium cum workshop on “Diagnosis of companion animal parasitic zoonoses” was organized by the Department of Veterinary Parasitology, MVC on 18.12.2018 and 19.12.2018. Dr. G. Dhinakar Raj, Director, CAHS, TANUVAS inaugurated the programme. Dr. M. Raman, Programme Director, TRPVB was present. Dr. C. Balachandran, Vice-Chancellor, TANUVAS participated in the valedictory function as the Chief Guest, distributed certificates to the participants and stressed upon the need for



timely diagnosis of zoonotically important companion animal parasitic diseases in the valedictory address. Dr. T.J. Harikrishnan, Director of Research, TANUVAS felicitated. Dr. A. Sangaran, Organizing Secretary and Professor, Department of Veterinary Parasitology, MVC proposed the vote of thanks. A total of 25 participants attended.

### ANNUAL REVIEW MEET



The Annual Review Meeting for the ICAR Network scheme on "Outreach Programme on Ethno Veterinary Medicine" was organized by the Department of Veterinary Pharmacology and Toxicology, VC&RI, Orathanadu at MVC on 10.12.2018. Dr. Ashok Kumar, ADG (Animal Health), ICAR, New Delhi reviewed the scheme. Dr. C. Balachandran, Vice-Chancellor, TANUVAS presided. Dr. T. Sivakumar, Dean, VC&RI, Orathanadu welcomed the gathering. Dr. G. Dhinakar Raj, Director, CAHS, TANUVAS delivered a lecture on new products development and patent. Dr. V.Ranganathan, Professor and Principal Investigator proposed vote of thanks.

### ICAR-WINTER SCHOOL



The Department of Veterinary Microbiology, MVC organized an ICAR sponsored 21-days winter school on "Applications of reverse genetics and transcription profiling in molecular pathogenesis of viral diseases with special reference to avian viruses" from 28.11.2018 to 18.12.2018. Dr. C. Balachandran, Vice-Chancellor, TANUVAS participated in the Valedictory function, delivered the presidential address and distributed certificates to the participants. Dr. J. John Kirubakaran, Course Director and Dean, MVC gave a

brief report on the winter school and Dr. G. Dhinakar Raj, Director, CAHS, TANUVAS delivered the felicitation address. A total of 22 participants from various States of India attended.

### SEMINAR ON CAPACITY BUILDING OF FARMERS



VUTRC, Villupuram organized a seminar on "Capacity building of farmers towards profitable native chicken farming" on 21.12.2018. Dr. N.K. Sudeep Kumar, Director of Extension Education, TANUVAS inaugurated the programme. Dr. T.J. Harikrishnan, Director of Research, TANUVAS felicitated. A total of 117 farmers were benefitted.

### TRAINING PROGRAMMES

- ▲ A National level 21 days training programme on "Exploring the technological approaches for enhancing the nutritive value and marketing of poultry products" was organized in the Centre of Advanced Faculty Training in Avian Sciences (ICAR), Department of Poultry Science, VC&RI, Namakkal from 28.11.2018 to 18.12.2018 for the Scientists / Assistant Professors at ICAR, SVUs of Kerala, Rajasthan, Tamil Nadu and Uttar Pradesh.
- ▲ The Department of Veterinary Microbiology, VC&RI, Namakkal organized a training programme on "Animal Tissue Culture" for the teaching faculties of Shri Sakthi Kailash Women's College, Salem on 28.11.2018 and 29.11.2018.
- ▲ VUTRC, Karur conducted a "Capacity Building in Adoption of Technology programme" funded by NABARD on "Production and utilization of azolla as livestock and poultry feed" from 04.12.2018 to 06.12.2018. The programme comprised of lectures, demonstration and exposure visit to azolla cultivation units of progressive farmers. A total of 30 farmers were benefitted. The centre in collaboration with MANAGE, Hyderabad, SAMETI, Kudumiyanmalai and Department of Agriculture, Karur district organized "Skill Training of Rural Youth (STRY)" on "Integrated development of small ruminants and rabbits" from 13.12.2018 to 20.12.2018. A total of 28 rural youth attended the



training programme. Tmt. K.B. Jayanthi, Project Director (ATMA) and JD (Agri.), Tmt. R. Umarani, DD (Agri.), FTC, Thiru. K.A. Subramaniam, Project Director, Tamil Nadu State Rural Livelihood Mission, Karur addressed and interacted with the participants.

- ▲ VUTRC, Tiruchirapalli conducted a Farmers Orientation Programme on “Reproductive management of dairy cattle for profitable dairying” at Thuraiyur on 11.12.2018. Dr. E. Syed Musthafa, AD (AH) and Thiru. A.P. Natarajan, DGM, Avin participated and spoke. A total of 270 farmers participated.
- ▲ The Department of Livestock Products Technology, VC&RI, Tirunelveli organized a training programme on “Value added milk products preparation” for 34 women beneficiaries of COODU Trust, Tirunelveli under “National Rurban Mission (NRuM) - Dairy farmer / Entrepreneur training” on 13.12.2018.
- ▲ FTC, Kancheepuram organized a training programme on “Goat rearing and management” from 17.12.2018 to 22.12.2018 with the financial assistance of MANAGE, Hyderabad. A total of 28 farmers participated in the programme. Dr. B. Gurumoorthy, RJD (AH) and Tmt. Goldy Premavathi, RJD (Agri.) participated in the valedictory function and distributed certificates to the participants.
- ▲ A workshop on “First aid measures and conventional pharmacy preparations to progressive dairy farmers of Namakkal region” was conducted by the Department of Veterinary Pharmacology and Toxicology, VC&RI, Namakkal on 18.12.2018 in which a total of 33 farmers participated.
- ▲ The Department of Veterinary Parasitology, VC&RI, Orathanadu organized a NABARD sponsored training on “Importance of deworming and dipping against parasites of backyard poultry to minimize the mortality and enhance the productivity for improving the livelihood of rural farmers” from 18.12.2018 to 20.12.2018. Dr. T. Sivakumar, Dean, VC&RI, Orathanadu inaugurated the programme, released the training manual and leaflets and delivered the presidential address. A total of 25 farmers were benefitted.
- ▲ The Department of Veterinary Pharmacology and Toxicology, VC&RI, Orathanadu conducted a one-day training programme under TANII scheme on “Ethno veterinary practices for the faculties of farm premises of TANUVAS” on 21.12.2018. Dr.T.Sivakumar, Dean, VC&RI, Orathanadu presided over the programme. Dr. N. Punniyamurthy,

Retired Professor, TANUVAS, demonstrated about the various recipes of ethno veterinary practices. A total of 20 faculties of TANUVAS participated. A training programme on ethno veterinary practices was also conducted for the farmers of Kancheepuram and Erode Districts on 20.12.2018 and 27.12.2018 respectively under ATMA/SSEPERs Scheme by the department in which a total of 80 farmers participated.

- ▲ DCAPS, TANUVAS and Kangayam Cattle Research Station, Sathyamangalam conducted an IAEA sponsored farmer training programme on “Integrated crop and livestock production” and “TANUVAS technologies for dairy farmers” at Sathyamangalam on 04.01.2019. Dr.N.Kulanthaisamy, RJD(AH), Erode district, Dr.S.Vishnukanthan, AD(AH), Gobi Division, Erode district and Dr. S. Gopalsamy, DD(AH), CBF, Erode participated in the programme and addressed the gathering. A total number of 88 farmers participated in the programme.

#### DISTRIBUTION OF SHEEP



VUTRC, Krishnagiri distributed breedable rams, azolla inputs and sheep feed to 25 farmers under NABARD scheme on “Technological interventions to improve productivity in sheep” on 28.12.2018. Mrs. Nasreen Salim, AGM, NABARD, Krishnagiri initiated the programme.

#### NATIONAL FARMERS DAY



VUTRC, Karur organized the National Farmers Day - 2018 in collaboration with KVK,



KARUR on 24.12.2018. Tmt. K.B. Jayanthi, JD(Agri.), Dr.S.Elangovan, RJD(AH) and Dr. N. Natarajan, AD(AH), Dr.J.Diraviam, Senior Scientist and Head, ICAR-Krishi Vigyan Kendra, Thiru. M. Paramesh Kumar, AGM, NABARD and Dr. K. Pachaiyappan, Scientist, SRRC, CSWRI, Kodaikanal addressed the gathering. A total of 105 farmers attended the programme.

### INAUGURATION OF VUDDL

Dr. T. Sivakumar, Dean, VC&RI, Orathanadu inaugurated the Veterinary University Disease Diagnosis Laboratory (VUDDL) on 02.01.2019 which was constructed under State Government Plan scheme for the benefit of line departments and Cauvery delta farmers.

### NAHEP NATIONAL TRAINING PROGRAMME

The TANUVAS Library has organised two days national training programme for librarians of SAUs on "Implementation of Koha and Creation of User Friendly Interface - OPAC" under the aegis of NAHEP (IG) at Sri Venkateswara Veterinary University, Tirupati on 14.12.2018 and 15.12.2018 in which 40 librarians from 12 State Agricultural Universities of Andhra Pradesh, Kerala, Karnataka, Tamil Nadu, Telangana and Uttar Pradesh participated. Dr. Ram Babu Sharma, National Coordinator, NAHEP (IG), ICAR, New Delhi, Dr. Y. Hari Babu, Vice-Chancellor, Sri Venkateswara Veterinary University, Tirupati, Dr. G. Rathinasabapathy, Librarian, TANUVAS, Dr. K. Veeranjanyulu, PI, Professor and University Librarian, PJTSAU, Hyderabad and Dr. K.N. Kandpal, CCPI, NAHEP (IG), IVRI, Izatnagar were present during the occasion.

### VISIT OF HON'BLE MINISTERS TO CPPM, HOSUR



Thiru. Udumalai K. Radhakrishnan, Hon'ble Minister for Animal Husbandry, and Thiru. P. Balakrishna Reddy, Hon'ble Minister for Youth Welfare and Sports Development, Government of Tamil Nadu visited CPPM, Hosur on 10.12.2018 inspected the various activities of Poultry Farm Complex and interacted with faculties and students. Dr. S. Prabhakar, I.A.S., District Collector, Krishnagiri District was also present.

### Dr. P. RICHARD MASILLAMONY ORATION AWARD 2018



Dr. C. Balachandran, Vice-Chancellor, TANUVAS was conferred the most coveted Dr. P. Richard Masillamony Orator Award of the Indian Society for Veterinary Immunology and Biotechnology (ISVIB) for the year 2018. The award was presented during the ISVIB Silver Jubilee Convention and National Conference VIBCON 2018 on "Innovative Biotechnological approaches for improving Animal Health and Productivity" held at the ICAR-National Research Centre on Mithun, Nagaland between 13.12.2018 and 15.12.2018. The award was presented by Hon'ble Governor of Nagaland, Shri. P.B. Acharya. The oration was on "Triangle' of Translational Veterinary Medicine: Nano-, Immuno- and Bio-Technologies".

### AWARD

Dr. A.V. Omprakash, Professor and Head, PRS, TANUVAS has received the Tamil Nadu Scientist Award (2015) instituted by the Tamil Nadu State Council for Science and Technology in the field of Veterinary Science on 27.12.2018.

### GUEST LECTURE

- ▲ Dr. Koen. K. Van Rompay, Virologist, California National Primate Research Institute, California delivered a guest lecture on "Adventure of a veterinarian in medical research and beyond" and interacted with the students on 03.01.2019 at VC&RI, Orathanadu in which a total of 200 students participated.
- ▲ Dr. Krish Asokan, Forest Veterinary Officer, Sathyamangalam Tiger Reserve, Sathyamangalam, Erode district delivered a guest lecture on "Practical approach to wild/zoo animals and disease management" to the students of VC&RI, Namakkal on 27.12.2018 in which a total of 19 UG students and 4 PG students attended.



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### WHITE COAT CEREMONY

The white coat ceremony for the fourth year students of VC&RI, Namakkal was conducted on 18.12.2018. Dr. B. Mohan, Dean, VC&RI, Namakkal presided over the function. Rtn. Thiru L.Vijayan, Chartered Accountant and Hospital Management Committee Member, TANUVAS and Dr. V.P. Ponnuvel, RJD (AH), Namakkal participated in the programme and addressed the gathering.

### SPECIAL VETERINARY HEALTH CAMP

The NCC unit of VC&RI, Orathanadu conducted a Special Livestock Health camp at "Gaja" cyclone affected village, Potalangudikadu of Puvathur Panchayat Union of Orathanadu Taluk on 18.12.2018. Dr. T. Sivakumar, Dean, VC&RI, Orathanadu presided over the camp and delivered the presidential address. Dr. I. Dhanabalan, RJD (AH), Thanjavur felicitated. A total of 766 animals were treated.

### SWACHH BHARAT PROGRAMME AT VC&RI, NAMAKKAL

VC&RI, Namakkal conducted Swachh Bharat programme to sensitize and promote the Swachh Bharat activities on 28.12.2018. Dr. B. Mohan, Dean, VC&RI, Namakkal inaugurated the programme and Dr. N.K. Sudeep Kumar, Director of Extension Education, TANUVAS felicitated. The National Swachh

Bharat award winners Thiru. S. Sasikumar, Head Teacher, Pavendhar Bharathidhasan Government Primary School, Koonichampet, Puducherry and Tmt. R. Selvi, Headmistress, Government Primary School, Sendanatham, Puducherry participated along with students representatives and shared their experience. The teaching, supporting staff and students actively participated and cleaned the premises and various units.

### SUPERANNUATION

Thiru. B. Baskaran, Attendant, Department of Animal Genetics and Breeding, MVC retired on 31.12.2018. Born on 24.12.1958, he had put in a total service of 23 years and 08 months.



Thiru. P. Veerasingam, Attendant, Department of Animal Nutrition, VC&RI, Namakkal retired on 31.12.2018. Born on 02.12.1958, he had put in a total service of 24 years and 03 months.



Thiru. V. Vasu, Basic Servant, Poultry Research Station, Madhavaram Milk Colony, Chennai retired on 31.12.2018. Born on 13.12.1958, he had put in a total service of 06 years and 07 months.



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