



## NEWS LETTER



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### ANIMAL HUSBANDRY SECRETARY VISIT

Tmt. M.P.Nirmala, I.A.S., Secretary to Government of Tamil Nadu, Animal Husbandry, Dairying and Fisheries Department along with Dr. R.Prabakaran, Vice-chancellor, TANUVAS, visited the Livestock Research Station, Kattupakkam on 20.04.2011. Dr. D.Thyagarajan, Director, Centre for Animal Production Studies and Dr. D.Kathiresan, Director of Extension Education, TANUVAS were also present during the visit. The Secretary visited various sections of LRS and also interacted with the farmers attending the "Spirulina production and value addition" training programme. Dr. P.Kumarasamy, Professor and Head, LRS, Kattupakkam, explained the various activities of the farm. She also visited the Krishi Vigyan Kendra located in the farm premises and interacted with the progressive farmers. Dr. P.Kumaravel, Associate Professor and Head, KVK, Kattupakkam explained the activities of the KVK.



address. Dr. V.K.Venkataramani, Director of Research & Extension (Fisheries) felicitated. Earlier Dr. M.J.Prince Jeyaseelan welcomed the gathering. Dr. N.Felix, organized the workshop.

### FINANCE SECRETARY VISIT

Thiru. K. Shanmugham, I.A.S., Principal Secretary of Finance, Government of Tamil Nadu, visited the University Research Farm located at the TANUVAS headquarters on 02.04.2011. Dr. R.Prabakaran Vice-chancellor, TANUVAS, welcomed and explained the activities of different sections of the farm and other research activities. The Secretary appreciated the activities of fodder production in the farm. He also visited the Licencee Unit of the Farm and he was explained in detail about the mechanization of the dairy farm and its advantages. Dr. D.Thyagarajan, Director, Centre for Animal Production Studies explained the services offered in the licencee unit. Dr. C.Balachandran, Registrar, TANUVAS, Chennai was also present during the visit.



### NATIONAL TRAINING ON INTELLECTUAL PROPERTY RIGHTS – UPDATES AND APPLICATIONS

A national training programme on "Intellectual Property Rights-Updates and Applications" sponsored by NAIP-ICAR, New Delhi was organized by the Directorate of Research, TANUVAS at MVC, Chennai from 18.04.2011 to 27.04.2011. A total of 19 participants from Veterinary and Fisheries faculty attended. Dr. V.Purushothaman, Course Director and Director of Research, TANUVAS delivered welcome address in the inaugural function. Thiru. P.H.Kurian, Controller General of Patents, Designs and Trademarks, Govt. of India inaugurated the programme. Dr. R.Prabakaran, Vice-chancellor, TANUVAS presided over the function. Dr. S.Saxena, Principal Scientist (Policy and IPR), ICAR delivered felicitation address. Dr. S.R.Srinivasan, Dean, Faculty of Basic Sciences, MVC proposed vote of thanks. Dr. Shashank Mauria, Assistant Director General (Intellectual Property and Technology Management), ICAR, New Delhi delivered valedictory address and distributed certificates to the participants. Dr. L.Gunaseelan, Course Co-director and Professor and Head, Department of Veterinary Epidemiology and Preventive Medicine, MVC presented the training report.



### INDIA UK CIDLID PROJECT ON BLUETONGUE

Dr. Simon Carpenter, UK Collaborator, Institute for Animal Health, Pirbright, UK along with Postdoctoral Scientist, Dr. Lara Harrup, visited TANUVAS from 07.04.2011 to 17.04.2011 to discuss operational aspects of the Indo-UK collaborative project entitled, "Monitoring and intervention strategies for bluetongue virus epidemics in rural India". Dr. Simon Carpenter interacted with Dr. R.Prabakaran, Vice-chancellor, TANUVAS, Dr.C.Balachandran, Registrar, Dr. B.Murali Manohar, Director, Centre for Animal Health Studies, TANUVAS and Dr. V.Purushothaman, Director of Research, TANUVAS. He also presented a lecture on "Understanding bluetongue virus and *Culicoides* worldwide : A new India / UK collaboration".



### RESEARCH COUNCIL MEETING

The Twentieth Research Council Meeting of TANUVAS was conducted at MVC, Chennai on 10.03.2011 under the Chairmanship of Dr. R.Prabakaran, Vice-chancellor, TANUVAS. The Director of Research, Dr. V.Purushothaman welcomed the gathering. The Vice-chancellor and Chairman, Research Council in his introductory speech, stated that TANUVAS is a frontline institution in the field of veterinary and animal sciences and requested the faculty to work in the right direction for the sustenance of its fame. The Director of Research informed the Council that TANUVAS has obtained five projects worth Rs.235 Lakh under NADP and 39 new externally funded schemes (32 - Veterinary and 7 - Fisheries) for Rs.780.47 Lakh during 2010 - 11. The Research Council recommended for continuance of 87 plan schemes (Veterinary - 68; Fisheries - 19) during 2011-12. The experts, Dr. Gaya Prasad, Asst. Director General (Animal Health), ICAR, New Delhi; Dr. Paul Pandian, Deputy Commissioner (Fisheries), Ministry of Animal Husbandry, Dairying and



### WORKSHOP ON COBIA AND OTHER MARINE FINFISH FARMING

A workshop on "Cobia and other marine finfish farming" and celebrations of "World Veterinary Year 2011", was held at FC & RI, Thoothukudi on 11.04.2011. Dr. R.Prabakaran, Vice-chancellor, TANUVAS, inaugurated the workshop and delivered the presidential address and released the mid-term report and a value added product, "Cobia steaks in curry". Dr. Michael Schwarz, Virginia Tech University, USA delivered Chief Guest address. Dr. M.Sakthivel, President, Aquaculture Foundation of India and Chairman, Consortium Advisory Committee, NAIP Cobia project delivered the special





Fisheries, GOI, New Delhi; Dr. M. John Edwin, Professor (Retd.), Chennai and Specialist of Eminence, Dr. D. Narahari, Prof. (Retd.), Chennai offered valuable suggestions to fine tune the research activities of the University. The Director of Research and Extension (Fisheries) proposed the vote of thanks.

**COMMEMORATION OF WORLD INTELLECTUAL PROPERTY DAY**

Product Development and Commercialization Cell of TANUVAS and Directorate of Research, TANUVAS organized a programme on 26.04.2011 to commemorate World Intellectual Property Day at MVC with an aim to create awareness about the IP among the scientists of the University. Hon'ble Thiru Justice M.M. Sundharesh, High Court of Madras, was the Chief Guest and delivered commemorative speech. The programme was presided over by Dr. R. Prabakaran, Vice-chancellor, TANUVAS. Dr. V. Purushothaman, Director of Research, TANUVAS welcomed the gathering and Dr. S.R. Srinivasan, Dean, Faculty of Basic Sciences, MVC proposed vote of thanks.



**EXTENSION EDUCATION COUNCIL MEETING**

The 22<sup>nd</sup> Extension Education Council Meeting of TANUVAS was held at MVC, Chennai on 28.03.2011. Dr. R. Prabakaran, Vice-chancellor, TANUVAS presided over the meeting and reviewed the extension activities undertaken during the period 2010-11. Dr. D. Kathiresan, Director of Extension Education and Dr. V.K. Venkataramani, Director of Research and Extension (Fisheries) presented the work done report for Veterinary and Fisheries extension, respectively. Dr. S. Prabhu Kumar, Zonal Project Director, ICAR, Bangalore and Dr. H. Shivanand Murthy, Professor of Aquaculture, College of Fisheries, KVAFSU, Mangalore attended the meeting and expressed their opinion as external experts. The nominated members of the EEC, Thiru. G. Saravanan, Servaikaramadam, Thoothukudi and Thiru. R. Maheswaran, Theni attended the meeting and offered their suggestions. Dr. V. Purushothaman, Director of Research, Dr. B. Murali Manohar, Director, CAHS, Dr. C. Balachandran, Registrar, TANUVAS, Dr. D. Thyagarajan, Director, CAPS, Dr. S. Thilagar, Controller of Examinations, Dr. S. Prathaban, Director of Clinics and Dr. M.C. Nandeesh, Dean, FC & RI, Thoothukudi participated. The 22<sup>nd</sup> EEC Report in Tamil was released during the meeting.



**VISIT OF ANIMAL HUSBANDRY COMMISSIONER**

Thiru. M.R. Mohan, I.A.S., Commissioner, Department of Animal Husbandry and Veterinary Services, Chennai visited the TANUVAS headquarters and had discussion with Dr. R. Prabakaran, Vice-chancellor, TANUVAS on 18.04.2011. He also visited University Research Farm, Leptospirosis Laboratory and Pharmacovigilance Laboratory. Dr. D. Thyagarajan, Director, CAPS, Dr. B. Murali Manohar, Director, CAHS and Dr. D. Kathiresan, Director of Extension Education, accompanied the Commissioner during the occasion. Dr. A. Subramanian, Professor and Head, URF, Dr. G. Ravi Kumar and Dr. Sarath Chandra explained the activities of their respective units.



**CONTACT CLASS PROGRAMMES FOR DISTANCE EDUCATION COURSES OF TANUVAS**

The contact class for the Distance education courses on "Goat farming" and "Dairy farming" were conducted at the various centres of the University, viz., TANUVAS Small Ruminants Research Centre (SRRC), Tirunelveli, KVK, Namakkal, Regional Research Centre (RRC), Pudukottai and Directorate of Extension Education, Chennai. A total of 192 candidates attended the programmes. Dr. R. Prabakaran, Vice-chancellor, TANUVAS awarded certificates to the successful candidates of Goat farming course and delivered the valedictory address on 08.04.2011.

Dr. D. Kathiresan, Director of Extension Education, TANUVAS and Dr. D. Thyagarajan, Director, CAPS, TANUVAS interacted with the participants. Dr. B. Mohan, Associate Professor and Head, KVK, Namakkal, Dr. M. Chellapandian, Associate Professor and Head, SRRC, Tirunelveli, Dr. P.N. Richard Jagatheesan, Associate Professor and Head, RRC, Pudukottai made arrangements for the contact class programmes in their respective centres. Dr. A. Manivannan, Associate Professor and Dr. S. Ezhil Valavan, Assistant Professor of Distance Education Cell, Directorate of Extension Education organized the programmes.



**TRAINING ON "FINISHING SCHOOL FOLLOW UP PROGRAM" FOR FINAL YEAR B.V.Sc. & A.H STUDENTS OF MVC**

A training programme on "Finishing School Follow up Program" was jointly organized by MVC, Chennai and Entrepreneurship Development Institute (EDI) Chennai on 19.04.2011 at MVC. A total of 101 Final year B.V.Sc & A.H students participated with the objective of moulding their personality for career options and entrepreneurship development. Dr. S.R. Srinivasan, Dean i/c., MVC, inaugurated the programme. Thiru. R. Stephen David, General Manager, EDI, Chennai participated in the inaugural function. Dr. R. Prabakaran, Vice-chancellor, TANUVAS presided over the valedictory function and delivered a thought provoking speech on the necessity of entrepreneurship development among students and distributed the certificates. Thiru. Nelson V. Jacob, Manager-Training, Ma foi Academy presented the training report. Dr. B. Suresh Subramonian, Associate Professor and Head, Department of Livestock Business Management, MVC made arrangements.



**PERSONALITY DEVELOPMENT PROGRAMME**

Personality development programme was conducted on 27.04.2011 for III BVSc & AH students at VC & RI, Namakkal. Dr. C. Chandrasekaran, Dean, VC & RI, Namakkal inaugurated the programme. Thiru. Bharath Chaugule, Director, The Real Success, Institute of Personality Development, Namakkal trained the students on various aspects of personality development. Dr. V. Ramesh Saravana Kumar, Vice-President Students Association and Professor and Head, Department of Livestock Production and Management, Dr. N. Narmatha, Professor and Head, Dr. N. Akila, Dr. K.M. Sakthivel and Dr. V. Uma, Assistant Professors, Department of Veterinary and Animal Husbandry Extension co-ordinated the programme.



**PAVENTHAR BHARATHIDASAN VIZHA**

"Paventhara Bharathidasan Vizha" was celebrated at MVC, Chennai on 20.04.2011. Dr. R. Prabakaran, Vice-chancellor, TANUVAS, presided over the function. Dr. T. Periandavan, Former Director, Tamil Development Department, highlighted Bharathidasan as a revolutionary poet and distributed prizes to the winners of Bharathidasan Endowment competition for the year 2010. Dr. S.R. Srinivasan, Dean i/c., MVC offered felicitation address. Selvi S. Gayathri, IFDT, Koduvalli, Selvan. Pon Thangaraj, and Selvan. S. Vinothraj, VC & RI, Namakkal won the prizes for the elocution, poem and essay competitions respectively. Dr. C. Balachandran, Registrar, TANUVAS, delivered welcome address. Dr. S. Prathaban, Director of Clinics presented the report. Dr. V. Balakrishnan, Professor and Head, Dept. of Animal Nutrition, thanked the gathering.





**SPORTS, COLLEGE AND HOSTEL DAY CELEBRATIONS AT IFDT, KODUVALLI**

The Sports, College and Hostel Day celebrations of IFDT, Koduvalli were celebrated on 14.03.2011. Tmt. M.P.Nirmala, I.A.S., Secretary to Government of Tamil Nadu, Animal Husbandry, Dairying and Fisheries Department, participated as the Chief Guest and released the college Annual Magazine "VICTUALS-2011". Dr. R.Prabakaran, Vice-Chancellor, TANUVAS, presided over the function and released the magazine "SANGAMAM-2011". Dr. V.Ramasamy, Member, Board of Management, TANUVAS, the Guest of Honour distributed the prizes to the winners of cultural events. Selvi S.Kavitha, Gold Medallist in Kabbadi of the 16<sup>th</sup> Asian Games, the other Guest of Honour distributed the prizes to the winners of sports events and also inaugurated the Modern Gymnasium. Dr. D. Thyagarajan, Dean i/c, presented the Institute's Annual Report and Dr. K.Shanthi, Deputy Director of Physical Education presented the Annual Sports Report. Dr. D.Ramasamy, Professor and Head welcomed the gathering and the student representative Selvi S.Bavatharini proposed the vote of thanks.



**COLLEGE DAY CELEBRATION AT FC & RI, THOOTHUKUDI**

FC & RI, Thoothukudi, celebrated the college day on 28.04.2011. Dr. M.C.Nandeesh, Dean, FC & RI delivered the presidential address. The chief guest, Thiru. D.Durairaj, Managing Director, Diamond Seafood Exports, Thoothukudi, addressed the gathering and distributed the prizes. Dr. C.B.T.Rajagopalsamy, Professor and Vice-President welcomed the gathering and presented the annual report. The college hostel report was presented by Dr. R.Senthiladeban, Professor and Warden. Selvan Saravanan, final year student and Selvi Ananya Ashok, second year student received the Mr. Fisheries and Miss. Fisheries title respectively. Selvan Pavithran of first year received the title of Mr. Skeleton. Selvan P. Parthiban, NSS Secretary, proposed the vote of thanks.



**TANUVAS CELEBRATES WORLD VETERINARY DAY**

**MVC, Chennai**

World Veterinary Day was celebrated at MVC on 26.04.2011. Dr.R.Prabakaran, Vice-chancellor, presided over the rabies awareness programme. Dr. Kuganatham, Health Officer, Corporation of Chennai, participated as the chief guest. Dr. S.Prathaban, Director of Clinics and Dr. S.R.Srinivasan, Dean i/c., MVC, offered felicitation. Dr. L.Gunaseelan, Professor and Head, Department of Veterinary Epidemiology and Preventive Medicine organized the programme. An exhibition for the general public and students of local schools was also arranged to highlight the importance of controlling the disease in addition to distributing pamphlets on rabies. In the morning hours of 30.04.2011, Dr. R.Rishikesavan and Dr. N.R.Senthil, Assistant Professors created awareness about rabies amongst the morning walkers at Marina beach.



**VC&RI, Namakkal**

World Veterinary Day was celebrated at VC & RI, Namakkal on 29.04.2011. Dr. C.Chandrasanan, Dean, VC & RI, Namakkal presided over the function. Dr. J.Mohan, Resident Medical Officer and Medical Superintendent, Government Hospital, Namakkal inaugurated anti-rabies



vaccination campaign and awareness rally and explained about his experience regarding rabies in human beings. Ninety-eight dogs were vaccinated. The students and staff of VC & RI, Namakkal participated in the awareness rally. Placards and flags containing the slogans about rabies were displayed and pamphlets on Prevention of Rabies were distributed to the public. The rally was started from Veterinary Hospital Campus, passed through Namakkal town and Fort and ended at the Hospital Campus. In the afternoon, Dr.R.Kulandaivel, Managing Director, Thangam Hospital, Namakkal participated as chief guest and delivered a special lecture on, "Rabies in human beings". Initially, Dr. M.Subramanian, Professor and Head, Department of Veterinary Clinical Medicine, Ethics and Jurisprudence welcomed the gathering and Dr. K.M.Palanivel, Associate Professor and Head, Department of Veterinary Epidemiology and Preventive Medicine proposed vote of thanks.

**VUTRC, Trichy**

VUTRC, Trichy, organized an awareness campaign on rabies to the school students on 30-04-2011 at Sri Sivananda Balalaya, Trichy. Zoonosis was highlighted in the campaign. Hand-outs on Rabies were distributed in co-operation with International Animal Rescue, Trichy.



**VUTRC, Coimbatore**

VUTRC, Coimbatore organized a Rabies awareness camp for school children in the Government Primary School, Saravanampatti, Coimbatore on 27.04.2011. Dr.S.Krishnakumar, Assistant Professor of VUTRC, Coimbatore enlightened the children about the different aspects of rabies, Dr. N.Shobana, Veterinary Assistant Surgeon, Veterinary Dispensary, Saravanampatti, delivered a guest lecture on "Prevention of Rabies in Animals and Man". A total number of 100 school children along with five school teachers participated.



**VUTRC, Karur**

VUTRC, Karur and Tamil Nadu Veterinary Association, Karur Chapter jointly organized a technical seminar on rabies at PLA Ram Residency, Karur on 30.04.2011. The programme was inaugurated and presided over by Dr. P.Sakthivel, Joint Director i/c., Department of Animal Husbandry, Karur. Dr. B.Nagarajan, Professor, Department of Clinics, MVC, Dr. C.Palani, Joint Commissioner, Commercial Tax, Trichy and Dr. R.Sivakumar, Additional Superintendent of Police, Dindigul participated and delivered special address. Dr. K.Senthilvel, Associate Professor and Head, VUTRC, Karur made arrangements. A total number of 57 veterinarians of the district including unemployed graduates participated and took veterinarians' oath.



**VUTRC, Melmaruvathur**

VUTRC, Melmaruvathur celebrated World Veterinary Day along with the Department of Animal Husbandry, Villuppuram, by conducting a free anti-rabies vaccination programme at Chinnasalem on 29.04.2011. A total of 64 dogs were vaccinated during the programme. In addition, the beneficiaries were also enlightened on the importance of animal rabies in human health. On the same venue, a training programme on backyard





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poultry with the financial assistance of *Vazhnthu Kattuvom Project*, Villuppuram was also conducted. The District Project Manager, N. Muthuvelu inaugurated the programme. Totally 28 farmers were trained on backyard poultry.

#### VUTRC, Madurai

At VUTRC, Madurai a "Free anti-rabies vaccine campaign and Rabies awareness programme" were conducted on 30.04.2011 on the eve of "World Veterinary Day". During the programme, twenty dogs were vaccinated against Rabies. Awareness was created among the public about the zoonotic importance and preventive measures of rabies. Pamphlets on "Rabies and its prevention" were distributed to the public. Dr. B. Muruganandan, Professor and Head and Dr. R. Uma Rani, Assistant Professor organized the programme.



#### VUTRC, Cuddalore

World Veterinary Day was celebrated on 30.04.2011 by VUTRC, Cuddalore in collaboration with Krishnasamy College of Engineering and Technology, Cuddalore. To mark the importance of the day, an awareness campaign on Rabies was conducted. Around 60 NSS volunteers of the college participated in the campaign. Thiru. K. Raghu, Vice-principal delivered the felicitation address and Dr. L. Gunaseelan, Professor and Head, Dept of Veterinary Epidemiology and Preventive medicine, MVC, Chennai delivered a lecture on Rabies. Dr. R. Ravindran, Professor and Head and Dr. R. Thirumavalavan, Assistant Professor, VUTRC and Thiru. Rajkumar, NSS Programme Officer, Krishnasamy College of Engineering and Technology, Cuddalore organized the programme.



#### VUTRC, Thanjavur

VUTRC, Thanjavur organized a "Veterinarians meet" under World Veterinary Day celebration on 26.04.2011. Dr. J. John Kirubakaran, Professor of Veterinary Microbiology, MVC, Chennai introduced oral pelleted vaccine for Ranikhet disease and delivered technical lectures on oral pelleted vaccine and on Rabies. The meeting was presided over by Dr. K. Arul Mani, Joint Director, Department of Animal Husbandry, Thanjavur district. Assistant Directors and 30 field Veterinarians of Animal Husbandry Department, Thanjavur district participated in the meet.

#### VUTRC, Salem

As a part of the celebrations of World Veterinary Day - 2011, VUTRC, Salem in collaboration with Animal Husbandry Department, Salem organized free Anti-Rabies Vaccination and Awareness Programme at Salem on 28.04.2011. Dr. K.A. Doraisamy, Professor and Head, VUTRC, Salem, inaugurated the programme. During the vaccination



camp, more than 50 pet animals were benefited. On the same day, a special training programme on dairy farming cum awareness on rabies were conducted for the beneficiary groups of *Valzhanthu Kattuvom Scheme* at Veeranganoor village.

#### ADL, Thalaivasal

World Veterinary Day was celebrated at Veeranganur village on 29.04.2011. On the occasion, a rabies vaccination camp and Special Livestock Protection camp was organized at Milk Producer's Co-operative Society campus, Veeranganur village. Dr. Govindasamy, Joint Director, Department of Animal Husbandry, Salem inaugurated the programme and delivered a special lecture. Dr. Devendran, Veterinary Assistant Surgeon, Thalaivasal welcomed the gathering. A total of 50 dogs were vaccinated with rabies vaccine and 15 street dogs were castrated. 300 cows and buffaloes were vaccinated with Anthrax vaccine and 58 small ruminants were dewormed. Dr. K. Thangavel, Assistant Professor and Head, Avian Disease Laboratory, Thalaivasal organized the programme.

#### INFERTILITY CAMP

Department of Veterinary Physiology, VC & RI, Namakkal and VUTRC, Karur have jointly organized an Infertility Camp in association with Aavin, Karur under the ongoing Part - II scheme on "Production of low cost progesterone vaginal sponges for anoestrus dairy animals" at Chinnampatti village, Karur district on 02.04.2011. Out of 31 animals examined, 11 dairy anoestrus cattle were treated with low cost vaginal sponge prepared by the Department for induction of oestrus. The camp was co-ordinated by Dr. S. Jayachandran, Assistant Professor, Department of Veterinary Physiology, VC & RI, Namakkal, Dr. V. Chandirasekaran, Assistant Professor, VUTRC, Karur and Dr. K. Velusamy, Aavin, Karur.

#### TRAINING PROGRAMME ON "DESI FOWL REARING"

A training programme on "Desi fowl rearing" was conducted at FTC, Tiruvarur on 27.04.2011 and 28.04.2011. In the training programme, 108 farmers from Tiruvarur, Nagapattinam and Thanjavur districts of Tamil Nadu participated. Thiru. Raghavan, District Development Manager, NABARD distributed the certificates and interacted with the participants. Dr. A. Sangaran, Associate Professor and Head and Dr. M. Kathirchelvan, Assistant Professor, organized the programme.

#### EXTERNALLY FUNDED NEW SCHEMES SANCTIONED TO TANUVAS

The Department of Biotechnology, Ministry of Science and Technology, Government of India has sanctioned two new research projects to the Department of Animal Biotechnology, MVC, Chennai.

- ◆ "Regulation of follicular dynamics in crossbred cattle for augmenting fertility and superstimulation", with Dr. S. Sathesh Kumar, Assistant Professor as Principal Investigator with a funding of ₹46.56 lakh for a duration of three years.
- ◆ "Control of Newcastle Disease using siRNA mediated inhibition of viral replicates *in-vivo*" with Dr. T.M.A. Senthil Kumar, Associate Professor as Principal Investigator with a funding of ₹15.508 lakh for a duration of one year.

#### SUPERANNUATION

Thiru. V. Nagarathinam, Attender (S.G), VUTRC, Parakkai, Nagercoil retired on superannuation on 30.04.2011. Born on 01.05.1953, he had put in a total service of 28 years and 11 months.



Thiru. C. Sivasankaran, Technician, Dept of Animal Reproduction Gynaecology and Obstetrics, MVC, retired on superannuation on 30.04.2011. Born on 10.04.1953, he had put in a total service of 37 years and 9 months.

