



TNAU NEWS

TAMIL NADU AGRICULTURAL UNIVERSITY NEWS LETTER

Patron: **Dr. K. Ramasamy**, Vice Chancellor
Editor: **Dr. R. Venkatram**, Director (i/c),
Planning & Monitoring

உறுக்கெல்லாம் உணவளிக்கும் உத்தம உழவர்களுக்கு
உதவிக்கரம் நீட்டும் பல்கலைக்கழகம்

TNAU Celebrates 71st Independence Day



The 71st Independence Day was celebrated on 15.08.2017 at TNAU, Coimbatore. Dr. K. Ramasamy, the Vice-Chancellor was welcomed by Dr. S. Mahimairaja, Dean, *i/c* (Agriculture). The Vice-Chancellor, Tamil Nadu Agricultural University (TNAU) hoisted the national flag, delivered the Independence Day address and recalled the memories of the martyrs, who sacrificed their lives for a new lease of life. He stressed the need for a good relationship between students and teachers, researchers and farmers and its essentiality which needs further strengthening. He inspected the Independence Day Parade of NCC and NSS along with Captain K.M. Sellamuthu and Captain S. Manonmani, NCC Officers of the University. The University Officers, Heads of Departments, Scientists, Staff, NSS Coordinator, NSS Programme Officers, NCC cadets and NSS volunteers, school children of TNAU campus participated in the celebration.

Training for Lab Technicians

Lab technician training was given to the Laboratory Assistants for seven days from 27.07.2017 to 07.08.2017 at Department of Seed Science and Technology, TNAU, Coimbatore. on different seed technological aspects viz., seed sampling, mixing and dividing, purity analysis,



seed moisture determination, maintenance of germination room, conducting germination tests and interpretation of results, quick viability test and seed processing, treating, storing of seed and maintenance of seed store.

83rd Scientific Workers' Conference at TNAU



The 83rd Scientific Workers' Conference was held on 18.08.2017 at Tamil Nadu Agricultural University, Coimbatore. Dr.M.Maheswaran, Director of Research (*i/c*) delivered the Welcome Address. Special Address were given by officials of Department of Agriculture, Horticulture, Agricultural Marketing, Agricultural Engineering, Seed Certification, Sericulture, Forestry and TAWDEVA. Dr.K.Ramasamy, Vice-Chancellor, TNAU, delivered the Presidential Address. The Keynote Address was delivered by Thiru. Gagandeep Singh Bedi, I.A.S., Agricultural Production Commissioner & Secretary to Government, Agriculture Department, Chennai.

Subjects pertaining to Agriculture, Horticulture, Agricultural Marketing, Agricultural Engineering, Seed Certification, Sericulture and Forestry were discussed. Dr.V.Ravi, Director (*i/c*), TRRI, Aduthurai, proposed the formal Vote of Thanks.

World Honey Bee day at KVK, Vamban



World Honey Bee day was celebrated at Krishi Vigyan Kendra, Vamban on 19.08.2017. Dr. R. Manimekalai, Assistant Professor (Extension) inaugurated the programme and spoke about the benefits of honey. Dr. C.Vijayaragavan, Assistant Professor (Entomology), AC&RI Kudumiyamalai delivered special lecture on importance of honeybee in Agriculture, Bee-keeping technology and demonstrated the honey extraction process. Essay and drawing competitions were conducted for the students of Thiruvangulam Govt. Higher Secondary School on the theme “Role of Honey bee in conserving the planet earth” and prizes distributed. Dr.M.R.Latha, Programme Co-ordinator, Dr.M.Kathiravan, Dr.K.Dhanlakshmi and Dr.G.Prabukumar organized the event. Pudukkottai farmers, school students and teachers participated.

Seminar on “Food Safety & Quality: Farm to Fork”



Community Science College and Research Institute, Madurai and Confederation of Indian Industry jointly conducted a one day seminar on “Food Safety & Quality: Farm to Fork”

at Agricultural College and Research Institute, Madurai on 22.8.2017. Mr. M. D.Vel, Director & Senior Consultant, Indian Foods Innovations Private Limited, Madurai Inaugurated. Dr.S. Rajamohan, Vice Chairman, CII Madurai Zone & Managing Director, Enviro Care India Pvt Ltd., welcomed. Dr. S. Parvathi, Dean *i/c* (Home Science) and Dr.S.Suresh, Dean (*i/c*), Agricultural College and Research Institute felicitated. Dr.K.Illamurugu, Food Microbiologist, TNAU delivered Special Address. Ms. Asha Sridhar, DGM-Food Safety Services TUV India Pvt Ltd, Mumbai, Dr.A.Savitri, Retired Head of Scientific & Regulatory Affairs, Britannia Industries Ltd, Mr.A.P.J.Jaisinh Vaerkar, Director (Peninsula Export Company), Dr.S.Lakshmi Narayanan, Tamil Nadu Food Safety & Drug, Administration Department, Madurai, Mr. K.R. Gnanasambandan, Chief Consultant & Trainer (AATHMA) were the resource persons.

Sankalp Se Siddhi organized at KVK,Vamban



Sankalp Se Siddhi, New India Movement programme was organized at Krishi Vigyan Kendra, Vamban, Pudukkottai on 26.08.2017. Sri.P.R.Senthilnathan, Hon’ble Member of Parliament, Sivagangai inaugurated and presided. A book on direct seeded rice production technologies was released. Dr.M.R.Latha, Programme Co-ordinator welcomed the gathering. Sri.S.V.Meiyyanathan, Hon’ble member of Legislative Assembly, Alangudi, Mr.A. Ramasamy, DRO, Dr.K.Ganesamoorthy, Director,*i/c* (CPBG), Dr.K.Sivasubramanian, Dean (*i/c*), AC & RI, Kudumianmalai, Dr.N.Manivannan, Professor and Head NPRC, Mr.M.Rajagopal, JDA and officials of Department of Agriculture, Horticulture, Marketing, Animal Husbandry participated. Dr.M.Kathiravan Assistant Professor (Seed Science and Technology) proposed the formal vote of thanks.

507 farmers from Pudukkottai district got benefitted.

Commissioner of Sugars visits SRS,Cuddalore



Tmt. Anu George, I.A.S., Commissioner of Sugars, Chennai visited Sugarcane Research Station, Cuddalore on 31.8.2017. to review the status of multiplication, popularization and supply of seed cane materials. Tmt. Manimegalai, Special officer, MRK Co-operative Sugar Mills Ltd, Sethiathope also attended. Dr. M. Jayachandran, Professor and Head, explained the research activities of the station. Dr.T. Raguchander, Professor of Plant Pathology, Dr.G.Ganapathy, Assistant Professor, Plant Breeding and Genetics and Dr. S.Thiruvarassan, Assistant. Professor (Agronomy) participated in the discussions.

“Swachhta Pakhwada ”programme at AC&RI, Eachangkottai



Swachhta Pakhwada programme was conducted in Agricultural College and Research Institute, Eachangkottai, Thanjavur from 29.08.2017 to 11.09.2017. The programme was organized by Dr. M. Pandiyan, Dean, AC&RI, Eachangkottai. The event was started with swachhta pledge by NSS volunteers and cleaning programme in the College campus and nearby village Karamanithoppu (NSS adopted village), Eachangkottai and Thanjavur . The NSS volunteers cleaned the Bharath Madha

(“Dharmam Thalai Kakkum”) Old age home. The NSS programme officer Dr. P. Sivakumar organized the Swachhta Pakhwada programme.

Workshop on “Application of proteomics - current status and future prospects”



The Centre of Innovation, Agricultural College and Research Institute, Madurai in collaboration with M/S. Agilent Technologies, GE Health care, USA organized a one day workshop on “Application of proteomics - current status and future prospects” on 29.08.2017. Dr.S.Suresh, Dean (i/c), AC & RI, Madurai inaugurated. Dr. N. Senthil, Project Director, Centre of Innovation and Professor & Head (DB) gave Welcome Address. Dr.C.Vanniarajan (P&H, PBG), Dr.R.Geetha (P&H, SST), Dr.K.Kumutha (P&H, Agri. Microbiology), felicitated. Dr.K.Dharmalingam, Director of Research, Aravind Medical Research Foundation, Madurai, gave a guest lecture on “Proteomics and Health care”. Dr. Avid Hussain, Manager in Agilent technologies, USA explained about DNA-RNA protein chips: Analysis and its Applications. Dr.M.Raveendran, Professor, Department of Plant Biotechnology, CPMB& B, TNAU delivered a lecture on “Identification of candidate genes & Application of Proteomics in Agricultural Research”. Dr.Arulkumar Nagappan, PDF from College of Korean Medicine, Pusan National University, Yangsan Campus, Yangsan, South Korea delivered lecture on “Mass Spectrometry Platforms of Large scale proteomics in Korean Traditional Medicine Research” through Video Conference. Dr. Srinivasan Reddy, Application specialist, GE Health care, USA delivered a talk on “Introduction to 2-Dimensional gel electrophoresis and 2-D Difference gel electrophoresis (DIGE) and their applications in comparative Proteomics”, followed by practical

session on “Bio-informatics tools for Proteomics Research” by Dr.A.Karthikeyan, PDF (DST-SERB), AC & RI, Madurai. “Protein Isolation and Separation by SDS- PAGE” by Dr. E. Kokiladevi and Mrs. A.Kavitha Pushpam. There were 120 participants including Post Graduate students, Research scholars and Assistant Professors from different disciplines in TNAU.

Sankalp Se Siddhi: New India Movement programme at KVK Thirupathisaram



The *Sankalp Se Siddhi: New India Movement* programme was held at ICAR-Krishi Vigyan Kendra, Thirupathisaram on 29.08.2017. Dr.K.Ramakrishnan, Programme Co-ordinator, ICAR-KVK, Thirupathisaram welcomed the gathering. Pon. Radhakrishnan Hon'ble Union Minister of State for Road transport & Highways and Shipping, inaugurated. The District collector delivered the Presidential Address. The Additional Collector and Project Director, DRDA, Kanyakumari District felicitated. The Officials of Department of Agriculture, Horticulture, Agricultural Engineering, Fisheries, Animal Husbandry, NABARD, Lead Bank, Principal Scientist, Central Tuber Crops Research Institute, Kerala and Professor and Heads of Agricultural Research Station, Thirupathisaram, Horticultural Research Station, Pechipparai and Floricultural Research Station, Thovalai delivered technical lectures and felicitated. About 455 farmers from different blocks of Kanyakumari District participated.

Visits



Dr.Smitha Kashi Raamka, Associate Professor, IIT, New Delhi visited the Department of Seed Science and Technology and Seed Centre, TNAU, Coimbatore on 30.08.2017 and observed the different activities carried out under DUS Testing and had discussion meeting on “Seed production programme”



Participants from Afghanistan, Indonesia, Mali, Nepal and Zimbabwe visited the Department of Sustainable Organic Agriculture on 23.08.2017. Dr. E. Somasundaram, Professor and Head, explained the importance of organic farming and various agronomical measures to manage plant nutrition. Demonstrations and Hands on Training on Panchagavya and Herbal leaf extract for insect pest management were done by Dr. A. Bharani, Assistant Professor (ENS), Dr. K. Ganesan Assistant Professor (Entomology) and Dr. R. Jansirani, Professor (Agrl. Extension) facilitated the programme.

Published by
Directorate of Planning and Monitoring,
TNAU, Coimbatore - 641 003.

Printed at :
TNAU Offset Printing Press,
Special Officer (Publications & Public Relations)
TNAU, Coimbatore - 641 003.

From
Directorate of Planning and Monitoring,
Tamil Nadu Agricultural University,
Coimbatore - 641 003.