



# TNAU NEWS

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TAMIL NADU AGRICULTURAL UNIVERSITY NEWS LETTER

உறுக்கெல்லாம் உணவளிக்கும் உத்தம உழவர்களுக்கு  
உதவிக்கரம் நீட்டும் பல்கலைக்கழகம்

## NADP stakeholders' workshop – 2018 Remote sensing based crop monitoring and drought assessment



The Department of Remote Sensing and GIS, Tamil Nadu Agricultural University, Coimbatore organized two days stake holders' workshop on 'Remote sensing based crop monitoring and drought assessment' from 2<sup>nd</sup> - 3<sup>rd</sup> May, 2018 under the NADP project; Remote sensing based information on crop coverage, yield estimation and drought monitoring. Dr. S. Pazhanivelan, Professor and Head, Department of Remote sensing and GIS delivered the welcome address. Dr. D. Jawahar, Director (NRM) and Dr.C.Jayanthi, Director (DCM) offered felicitations. Dr. K. Ramasamy, Vice-Chancellor, TNAU inaugurated, delivered the Presidential address and elaborated on the importance of using Remote sensing technology in crop monitoring and insurance. Drones purchased by the Department of Remote Sensing and GIS under NADP funded project were demonstrated.

TNAU scientists, Insurance officials and Agricultural officers participated in the workshop. Crop acreage, yield estimates and information on drought derived from remote sensing technology pertaining to various districts of Tamil Nadu were presented for utilization by stakeholders. The workshop was useful in integrating remote sensing as a tool in generating actual and advance estimates of production of principal crops.

**Pre- Kharif season awareness campaign and webcasting of Hon'ble Prime Minister's speech**

**KVK, Tiruvallur**



Awareness cum Training programme on pre-*kharif* season and web casting of Hon'ble Prime Ministers' speech was conducted at KVK, Tiruvallur on 20.06.2018. Dr. R. Manimekalai, Programme Co-ordinator welcomed the gathering. Hon'ble Prime Minister's interaction with the farmers of different states of India was Web cast, translated in vernacular language to the farmers. Th. Anilkumar, External faculty, PCRA, Chennai attended the function and delivered lecture on Energy conservation and solid waste management. Faculty of Rice Research Station and Krishi Vigyan Kendra participated in the scientists farmers interaction meeting. Exhibition stalls on production technologies for various crops were arranged. Fourteen officials and 155 farmers including 35 farm women of Tiruvallur district participated.

**KVK, Tiruvarur**



The Hon'ble Prime Minister interacted with farmers through video conferencing on 20.06.2018 at KVK, Needamangalam, Thiruvarur district through internet at <http://pmindiawebcast.nic.in/>. More than 100 farmers including farm women attended. The programme was Co-ordinated by Dr.A.Baskaran, Programme Co-ordinator of KVK. The Hon'ble Prime Minister explained about the various action plans which were implemented by the Government to enhance the income of the farmers.

In continuation to this programme, Pre-season *kharif* awareness cum training programme was conducted. Training on various crop production technologies were imparted.

**Farmers Conference on Nutri Garden**



Farmers Conference on 'Nutri Garden for nutrition security and strategies for doubling the farmers' income was organized at Vellerivelli village of Edapaddy in Salem District on



20<sup>th</sup> June 2018. The conference was organized to create awareness on the importance of nutri-garden for nutritional security among the farmers, general public and school children along with strategies for doubling the farmers' income. Dr.K.Ramasamy, Vice-Chancellor, Tamil Nadu Agricultural University, Coimbatore released the book on 'Nutrient Garden for nutrient security' and delivered the key note address during the conference. Mrs.Rohini Bhajibhakare IAS, District Collector, Salem was the Chief guest, distributed free nutri-garden seed kit and seedlings to the participants. Director of Extension Education, Dean (Hort), Coimbatore, Director (Seeds), Professor and Head, Department of Vegetables, Coimbatore, Joint Director of Agriculture, Salem, Deputy Director of Horticulture, District Lead bank manager, Chief Educational Officer, AGM NABARD, Executive Engineer (AED), Professor and Head, TCRS, Yethapur, Professor and Head, SRS, Cuddalore, Professor and Head, SRS, Melalathoor, Programme Co-ordinator, KVK, Salem, and Dharmapuri also participated and made technical presentation and interacted with farmers.

The programme along with an exhibition was organized by the Directorate of Extension Education, TNAU, Coimbatore and Krishi Vigyan Kendra, Sandhiyur, Salem. Nearly, 1200 farmers participated.

### Characterisation and export avenue creation for the traditional *Kavuni* rice



A NABARD funded project on 'Characterisation and export avenue creation for the traditional rice land race *Kavuni* was launched at TRRI, Aduthurai on 6<sup>th</sup> June, 2018. Around 65 farmers and representatives from KVK, FPO, NGO and Agricultural Department participated. Traditional rice variety seeds and their value added products and recipes were exhibited.

Smt. Padma Ragunathan, Chief Regional Manager, NABARD, Chennai launched the programme. Dr.V.Ravi, Director, TRRI, Aduthurai gave the introductory remarks on consuming rice with low glycemic index and high dietary fibre. Dr.D.Sasikumar, Project investigator elaborated the details of different morphotypes viz., black, red, brown and white *Kavuni* rice. Mr. K.S Lakshmi Narasimhan, Chief Regional Manager, Indian Overseas Bank, Thanjavur, Mr.A. Mathiazhagan, Joint Director of Agriculture, Thanjavur and Dr.K.Subramanian, DDM, NABARD, Thanjavur felicitated.

### Interaction meeting with seed hub farmers



An interaction meeting with the seed hub farmers was organized at KVK, Tindivanam on 25.06.2018 which was chaired by the Vice-Chancellor, Tamil Nadu Agricultural University. Dr.K.Parameswari, Programme Co-ordinator, KVK, Tindivanam welcomed the gathering and presented the annual report of Seed Hub activities for the 2017-18. The Seed Hub farmers from Villupuram, Pudukottai and Tanjore districts participated. The Director of Extension Education, TNAU, Coimbatore emphasized the importance of Seed Hub project

which was implemented throughout the country with seven centres at Tamil Nadu. The Professor and Head, Oilseeds Research station, Tindivanam shared his experiences. The Vice - Chancellor, TNAU felicitated the Seed Hub farmers and handed over the cheques towards the procurement of seeds. Dr.M.Jayaramachandran, Assistant Professor (PBG) delivered the vote of thanks.

### Training on Improved crop management practices



On campus training on improved crop management practices for *kharif* season crops was conducted to the extension officials on 14.06.2018 at KVK, Tirur, Tiruvallur district. Programme Co-ordinator Dr. R. Manimekalai welcomed the gathering. Extension officials were explained about the TNAU expert system on paddy, groundnut and sugarcane. Twenty extension officials from Ellapuram, Ekkadu, Tiruvalangadu and Kadambathur participated.

### Pre-Kharif campaign



At Krishi Vigyan Kendra, Vamban, Pudukkottai district pre-*Kharif* awareness campaign for farmers was conducted. Programme Co-ordinator Dr.M.R. Latha

presided over the meeting and explained about the pre-*kharif* preparatory activities. Five successful progressive farmers who got trained in Krishi Vigyan Kendra, Vamban shared their farm experiences. About 106 farmers including 40 women participated.

### Special lecture arranged at AC & RI, Eachangkottai, Thanjavur



At Agricultural College and Research Institute, Eachangkottai, Thanjavur guest lecture on Environmental friendly process of lignin destruction was arranged for the third year students and faculty on 14.06.2018. Dr.R.Maheswari, Scientist, University of Kansas, USA delivered the guest lecture.

### International Yoga day celebrations

#### i) AC & RI, Eachangkottai



Fourth International Yoga Day was organized at AC & RI, Eachangkottai, Thanjavur on 21.06.2018. Dean, AC & RI, Thanjavur inaugurated and delivered the motivational speech on yoga and its health benefits. The program was conducted with six trained professionals from Manavalakkalai organisation involving students and staff.



**ii) HC&RI for women and ADAC & RI, Tiruchirappalli**



Fourth International Yoga day was jointly celebrated on 21.06.2018. Dr.D.Saraladevi, Dean, Horticultural College and Research Institute for Women and Dr.R. Sridar, Dean, Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirappalli initiated the programme. Yoga teachers from Vazhgha valamudan, BHEL Manavalakkalai Mandram, Tiruchirappalli participated. Around 425 students, NSS volunteers and staff participated in the programme.

In continuation to yoga demonstrations, a guest lecture was arranged at the campus auditorium. A special lecture on Yoga for Life was given by Dr. M. Jagadeesan, Retd. Registrar of Tamil University and the Coordinator (Yoga). Dr.Chithra, Professor (Yoga) delivered a special lecture on Yoga for Health.

**Higher education opportunities awareness programme**



Career awareness cum guidance program was organized by Agricultural College and Research Institute, Kudumiyanmalai and



the District Employment Office, Pudukottai on 20.06.2018. Thiru. S. Ganesh, IAS, Collector, Pudukottai and alumni of TNAU Chaired the meet. Sub-Collector Ms K. M. Sarayu, Mr.Rajaboopathy, Chairman cum Director, Radiant IAS Academy, Chennai, Tmt. Anusuya Selvi, Joint Director, District Employment Office, Madurai and Mr. Murugesan, Asst. Employment Officer, Pudukottai spoke on the various opportunities for employment. They motivated the students aspiring for civil services and other competitive examinations.

**Kisan Goshthi on nematode management in fruit crops**



The Department of Nematology, Tamil Nadu Agricultural University, Coimbatore and All India Co-ordinated Research Project on nematodes in Agriculture jointly organized a 'Kisan Goshthi' (Farmers interactive meet) on Nematode diagnosis and management in fruit crops at Komarapalayam of Erode district on 11.06.2018. Forty fruit growers participated in the goshthi.



Dr. K. Poornima, Professor and Head, Department of Nematology explained the possibility of nematode spread through nursery planting material and means of identifying such material. She also explained about nematode damage symptoms, diagnosis of nematode damage based on aerial and root symptoms.

Management of nematodes by bioagents such as; *Pochonia chlamydosporia*, and *Purpureocillium lilacinum* multiplied in moistened farm yard manure was explained by Dr.P.Kalaiarsan, AICRP scientist and Dr.G.Jothi, Assistant Professor (Nematology). Dr.Kamalakaran, Professor (Plant Pathology) explained on the identification of disease symptoms in fruit crops and means of managing them. Dr.Sridhar, Assistant Professor (Plant Physiology) spoke on identifying various nutrient and micronutrient deficiencies in crops and means to manage them.

**Training on poultry rearing**



A skill development training on poultry rearing was organized at KVK, Vamban on 22.05.2018. Dr.V.Kumaravel, Assistant Professor, KVK, Kundrakudi and Dr. C. Mekala, Assistant Professor, TNAUVAS, Machuvadi gave technical insights for the farmers on various aspects of poultry management. Dr. M. Mohamed Yassin, Dean Pushkaram College of Agricultural Sciences presided the function. Allied agro ventures such as; poultry rearing besides agriculture was emphasized by Dr. M.R. Latha, Programme Co-ordinator, during her inaugural address. Dr. K.C. Shivabalan, Training Assistant (Agrl. Extension) welcomed the gathering. Dr.G.Prabukumar, Assistant Professor proposed the vote of thanks. Around 47 Farmers from different districts participated.

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