

# TNAU NEWS



## TAMILNADU AGRICULTURAL UNIVERSITY NEWS LETTER

Patron : Dr. C. RAMASAMY - Vice Chancellor

Editor : Dr. R. BALASARASWATHI - Director (i/c), Planning and Monitoring

### TNAU SIGNS MoU WITH CANADIAN UNIVERSITY >>>



The Tamil Nadu Agricultural University is taking various efforts to promote globalization of agricultural education and produce graduates with international competence. The Nova Scotia Agricultural College which is located in Maritime province of Eastern Canada has bestowed interest to have memorandum of understanding with TNAU for

academic collaborations. Mr. Brian Crouse, Manager, Student Recruitment and Awards, Nova Scotia Agricultural College (NSAC), Canada, and Dr. M. Thangaraju, Director (Students' Welfare) have signed MoU on 24.4.2008 in the auspicious presence of Dr. C. Ramasamy, Vice-Chancellor, TNAU and Dr. P. Santhana Krishnan, Registrar.

The MoU is intended to begin a dual degree program on Environmental Horticulture, which has unique advantage in employment opportunities in the context of changing scenario in our agricultural production systems besides shift in global climate. According to the dual degree program, students will complete 5 semesters in TNAU and the remaining 3 semesters in NSAC to qualify for getting degree from both institutions. During the signing ceremony, the Vice-Chancellor highlighted the need for MoU with western universities in order to strengthen the capacity building in our graduates and facilitate employability. Mr. Brian Crouse also sensitized the interest of students through an interactive meeting organized by the Directorate of Students' Welfare.

### EMINENT SCHOLAR OF EDUCATIONAL REFORM, USA VISITS TNAU

Dr. Dwight W. Allen, Eminent Scholar of Educational Reform, Department of Educational Curriculum, Old Dominion University, USA visited the Directorate of Open and Distance Learning, Tamil Nadu Agricultural University, Coimbatore on 25.4.2008 and witnessed the activities on various ODL programmes besides the current educational activities of TNAU.

Dr. G. Selvaraj, Director, Open and Distance Learning (ODL) in his introductory remarks, enumerated

various ODL programmes and highlighted the certificate courses viz., Bee keeping, sericulture, mushroom cultivation, vermicomposting etc. organized exclusively for the benefit of resource poor farmers especially for farm women in rural areas. He stated that the ODL post graduate programme on M.Sc (Sugarcane Technology) is a unique example for the public private partnership to promote interaction and sharing of knowledge among various groups of stakeholders.

Dr. Dwight W. Allen in his remarks stressed the importance of e-education in promoting technology

transfer especially through open and distance learning modes. While lauding the efforts of the Directorate of Open and Distance Learning towards organizing the certificate programmes like bee keeping and mushroom cultivation, he requested the scientists to give more attention to other similar programmes for the betterment of women especially in rural areas, to generate more income and employment opportunities for them.

He also stressed the utility of the 'YouTube.com' website for sharing and exchange of ideas especially for ODL programmes. Allen requested

## CAREER GUIDANCE WORKSHOP 2008 >>>



The 'Career Guidance Workshop 2008' was organized in Agricultural College and Research Institute, Madurai on 11<sup>th</sup> and 12<sup>th</sup> April, 2008. Th.S.S.Jawahar, I.A.S., the District Collector of Madurai inaugurated the workshop. He appreciated the interest taken by the University for organizing such workshop for the benefit of the students. He praised the University for being a driving force for producing officers for Civil Services. Dr.K.Ramamoorthy, Dean, Agricultural College and Research Institute, Madurai in his presidential address pointed the relevance of such Career

Guidance Workshop in shaping the destiny of the students.

Dr.M.Thangaraju, Director of Students' Welfare, TNAU, in his key-note address highlighted the significance of the workshop and quoted the success stories and the achievements made through the directorate in placing the students to the professional standards. Dr.K.K.Krishnamoorthy, a special guest and former Dean of AC & RI, Madurai, in his special address stressed the importance of personality development and enhancement of soft skills to succeed in the competitive world.

After the inaugural function, nine

enlightening sessions on various topics which will be highly useful for the students for shaping their future was dealt. Resource persons from various prominent institutions were invited for this workshop.

The two day workshop on Career Guidance concluded with the valedictory function. More than 400 final year students of Bachelors degree from the constituent colleges of Tamil Nadu Agricultural University participated in the workshop. Placement officers of constituent colleges made the various arrangements for the successful conduct of the event.

the scientists of the ODL to motivate the learners to use laptops and mobile phones for quicker technology transmission including web browsing by the students since they are now required to have laptop computers. He emphasized the need for establishing network centre for marketing of agricultural produces through self help groups and the exchange of other timely information. He also narrated the importance of organizing action research programmes especially for ODL activities to strengthen the technology transfer mechanism. Such action research will enable the university to revamp ODL efforts to face the challenging tasks in agricultural education in future

### TNAU STUDENTS WON FIRST PRIZE IN RESEARCH CONVENTION

Association of Indian Universities (AIU), New Delhi conducted 'Anveshan' a national level students' research convention.

The main objectives of this program are to identify young talents with research aptitude and interest to take up research as a career, to promote the talent in research throughout the country, to provide proper incentives to enhance the skills of potential students etc. The selection for this would be done in phase I (University level), Phase II (zonal level) and Phase III (National



level).

In TNAU, three groups were selected for participation in the South zone level competition held at Jawaharlal Nehru Technological University, Hyderabad from 2-4, April 2008.

At zonal level, TNAU students won first prize in two out of three

thematic areas viz., **“Mushroom Biopesticides for Eco-friendly Management of Post Harvest Diseases of Fruits and Vegetables”** and **“A biotechnological approach to combat global warming”**. These projects were appreciated by the experts and students of four Southern State Universities.

The students will participate in the National Level competition to be held in Pune on May 17-19, 2008.

**TNAU SIGNS MoU WITH ICRISAT FOR AGRI-BUSINESS INCUBATION**

The Tamil Nadu Agricultural University (TNAU) has planned to set up an Agri-Business Incubator in association with the Agri-Business Incubator (ABI) of the International Crops Research Institute for Semi-Arid Tropics (ICRISAT), Hyderabad. A memorandum of understanding ( MoU )was signed between TNAU and ICRISAT on 11<sup>th</sup> April, 2008 at ICRISAT.

Dr.C.Ramasamy, Vice-Chancellor, TNAU and Th.I.R.Nagaraj, Director Human Resource and Operations under Senior Staff Management Group, ICRISAT have signed the MoU.

The agri-business incubator is an initiative of TNAU under its Public-Private Partnership (PPP) efforts which will serve as a platform for entrepreneurship promotion and development through commercialization and transfer of technologies developed at TNAU. The MoU will serve as a stepping stone in developing agri-business in Tamil Nadu through incubation mode. Agri Business Incubator will be a place where the process of starting agri-business ventures is catalysed. This is done by supporting entrepreneurs with agri technology, consultancy, networking with management experts, facilitating funding and providing access to world-class infrastructure. The incubator will maximize the success of agri-business enterprises with minimum

risk. The agri business incubator will benefit the farmers by improved technologies and services through the entrepreneurs incubated.

The TNAU team comprised of Dr. C. Ramasamy, Vice Chancellor; Dr.P.Subbian, Director, Agribusiness Development; Dr.S.Natarajan, Director, Centre for Soil & Crop Management Studies and Dr.A.S.Ponnusamy, Special Officer (Seeds). The ICRISAT team was represented by Dr.K.K.Sharma, Principal Scientist and Head; Mr.S.M.Karupanchetty, Deputy Chief Operating Officer and Dr.S.Aravazhi, Deputy Manager, Agribusiness Incubator (ABI), ICRISAT.

**INTER INSTITUTIONAL COLLABORATIVE RESEARCH**

The new elite culture, Tamil Nadu Cumbu Napier Hybrid 014 developed by the Scientist of Department of Forage Crops is

**MUTHAMIZH VIZHA- 2008 >>>**



Muthamil vizha was celebrated at ADAC&RI, Trichi on 15.4.2008. Dr. R. Arulmozhiyan, Staff Advisor welcomed the gathering and Mrs. Kalyani Jeyaraman lighted the traditional lamp. Dr.

M. Thangaraju, Director of Students' Welfare offered the special address while Dr. S. Jeyaraman, Dean of this College offered presidential address. Mr. P. Naatudurai, Student secretary,

concluded the inaugural session with the vote of thanks.

Mr. Arivumathi, a leading Tamil Poet spoke on the role of folk songs in the Indian system of agriculture.

Mr. I. Leoni of Dindugal offered a special debate for one hour on the title, **“Whether the Family relations are maintained by the youth or by relatives”**. In the afternoon Dr. G. Renganathan, Professor and Head, Department of social science organized a special event to stimulate communication skills of the students. Young kids from Sarbendra Bharatha Natiam School, Thanjavur performed a wonderful cultural programme followed by a team from Erode Abinaya.

## LIGHTING CEREMONY OF HSC&RI, MADURAI ))



The Twenty Fifth Lighting Ceremony was celebrated on 25<sup>th</sup> April 2008 at Home Science College and research Institute, Madurai. Dr.T.Padmini, Staff Advisor, Home Science College and Research Institute welcomed the gathering. Dr.A.Andal, Dean, Home Science College and Research Institute presided over the function and administered the Oath. In her presidential address she emphasized the importance of

lighting ceremony, which is symbolic of passing on the light of wisdom from the almamater to the outgoing students. She advised the outgoing students to take up the responsibility for spreading the message of Home Science across the country.

Th.Y.Prabakar, State Head, Merchandising Reliance Fresh, Chennai and a former student of this institute was the chief guest.

After lighting the mother lamp he kindled hope and confidence among the outgoing students by his rich experiences, valuable and thought provoking speech. He advised the students to work hard and have a clear vision for the bright future in their career. He also stressed that the students should improve their communication skills and should accept the job initially without inhibition to meet out the challenges.

Dr.K.Ramamoorthy, Dean, Agricultural College and Research Institute, Madurai in his felicitation address advised the students to concentrate on studies and other academic work without diverting their attention during the course work. Staff and junior PG students felicitated the out going students. M.R.Premalatha, Professor and Head, Department of family Resource Management, Home Science College and Research Institute, Madurai proposed the vote of thanks.

being tested under On Farm Trial at Government Animal Husbandry Farm, Chettinadu. The culture in the pipe line has exhibited luxurious growth with high leaf stem ratio and ultra soft juicy stem under red soil condition. Green, conspicuous aerial roots encircling each node enhances quick regeneration capacity. It is free from pests and diseases with superior ratooning ability rendering seven cuttings per year.

### STRATEGIES TO INCREASE PULSE PRODUCTIVITY IN TAMIL NADU

Workshop on “**Strategies to Increase Pulse Productivity in Tamil Nadu**” was held at Water Technology Centre, Tamil Nadu Agricultural University,

Coimbatore, under the project on Tamil Nadu Irrigated Agriculture Modernization and Water Bodies Restoration and Management (TN IAMWARM) on 5th April, 2008 with an objective to finalize the action plan for 2008-09 to increase pulses area and productivity in Tamil Nadu. Dr. Masood Ali, Director, Indian Institute of Pulse Research, Kanpur presided over the workshop and acted as a principal resource person and explained that pulses are given major emphasis at national level in the National Food Security and NADP schemes. He emphasized the pressing need of a mission mode approach which involves much involvement in increasing the pulses production. Besides, Dr.Byre Gowda, Principal Scientist, University of Agricultural Sciences, Hebbal, stressed the need

for introduction of short duration hybrid red gram. At the end of workshop, Dr.C.Ramasamy, Vice Chancellor, Tamil Nadu Agricultural University stated that, to alleviate the protein hunger and ensuring the nutritional security in Tamil Nadu, the crops like pulses should be given high priority as that of commercial crops. Dr.M.V.Rangaswami, Director (WTC) & Nodal Officer (T N I A M W A R M), Dr.T.S.Raveendran, Director, Centre for Plant Breeding and Genetics, Dr.S.Jebaraj, Director, Tamil Nadu Rice Institute, Aduthurai, participated in the workshop. In addition, the Joint Directors of Agriculture from districts of Villupuram, Nagapattinam, Cuddalore, Thothukudi and Salem attended the



workshop and shared their field problems. The Joint Director of Agriculture and Deputy Director of Agriculture from the office of Commissioner of Agriculture, Chennai also participated in the workshop. 25 scientists of TNAU attended the pulse workshop.

### 'INTERNATIONAL EARTH DAY' CELEBRATION AT TRRI, ADUTHURAI

Every year, April 22<sup>nd</sup> is celebrated as '**International Earth Day**' as per the guidelines given by the United Nations Organization (UNO). Accordingly, Tamil Nadu Rice Research Institute, Aduthurai celebrated the "**Earth Day**" on 22.04.08. The programme was sponsored by Ministry of Earth Sciences, Government of India, New Delhi.

In the morning, painting competition was held for school children on three topics viz., **Earth**, **Rain water harvesting** and **Global warming** for primary, middle and higher secondary students respectively. The top three positions in each topic were awarded cash prize of Rs.1000, 750 and 500.

A seminar on '**Earth**' was also arranged in the afternoon. Professor.T.Rajeswari, Retd. HOD, Geography, Government College for Women, Kumbakonam delivered a special lecture about earth, environmental pollution, global warming and monsoon pattern of India. Scientists, staff members of TRRI and farmers from nearby villages participated in the seminar. The seminar was inaugurated and presided over by

Dr.S.Jebaraj, Director, TRRI, Aduthurai. Dr. K.Thiyagarajan Professor (Plant Breeding). welcomed the gathering. Thiru.A.Sahul Hameed, Head Master, Crescent Higher Secondary School, Avaniapuram participated as a special guest and spoke on water conservation. The seminar concluded with the vote of thanks by Dr. R.Rajendran, Professor (Agronomy).

### STUDENT WON RANK AWARD

Rank Award for the Best Student in Toothukudi District, Instituted by Air India, for the biennium 2007-2008 was awarded to Th.S.Senthilkumar III B.Sc (Ag.) student of Agricultural College and Research Institute, Killikulam. This award was given for his creative mind and thinking in preserving crumbling environment.

### TRAINING ON JATROPHA CULTIVATION AND BIODIESEL PRODUCTION

The Centre of Excellence in Biofuels, Agricultural Engineering College and Research Institute, TNAU organized a one day training programme for farmers on Jatropha cultivation and biodiesel production. Dr.A.Sampathrajan, Dean, Agricultural Engineering College and Research Institute, inaugurated the training programme and underlined the importance of biofuels. Dr.M.Paramathma, Professor and Nodal Officer, Centre of Excellence in Biofuels, initiated the training program by giving a brief introduction on the cultivation of jatropha, development of varieties and hybrids and overall details right from seed to production of biodiesel. He explained the farmers about the crop management practices to be followed and the economics of jatropha cultivation.

The farmers were trained on Jatropha nursery technology,

cultivation practices, pests and diseases management and biodiesel production. The farmers were also exposed to nursery techniques in the Jatropha and they also visited the Jatropha experimental field. The valedictory function was presided over by Dr.B.Chandrasekaran Director (Research).

### DIRECTOR CIAH VISITS RRS, ARUPPUKOTTAI

Dr.T.A.More, Director central Institute for Arid Horticulture, (CIAH) Bikaner, Rajasthan visited the Regional Research Station, Aruppukottai on 21.4.2008 to review the co-ordinated research projects on Arid Zone fruits viz., Ber, Aonla, Custard apple, and Tamarind. The Director was accompanied by Dr.B.D.Sharma, Principal Scientist of the central institute. The achievements of the research station were narrated by Dr.S.Senthilvel, Professor of Agronomy. The research activities of the Arid Zone fruit crops of this centre were explained to the Director by Dr.M.Selvarajan, Professor of Horticulture, Dr.R.Amutha, Assistant Professor of Crop Physiology and Dr.P.Mareeswari, Assistant Professor of Plant pathology. During the discussion, the Director emphasized that the research activities of Tamarind and Bael have to be intensified at this centre. The scientists of CIAH will have a collaborative research programme on survey and collection of Bael with Aruppukottai centre during this year. Later, the Director visited the new mist chamber which was constructed with the financial assistance of ICAR. He also visited the farmers' field around Aruppukottai on that day.

### CII HONORS TNAU STUDENT

The CII organized competition of paper presentation under "**Tamil Nadu vision 2025**". In recognition of the excellent presentation during

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the students' focus group held recently at PSGR Krishnammal College, Ms.Anamika, IV year student of TNAU has been awarded a Fellowship amount Rs.35,000/- at the inauguration session of the “**TN Vision Summit**” organized by the Confederation of Indian Industry (CII) held on 12.04.08 by the Honourable Minister for local Administration and Rural Development, Government of Tamil Nadu

The amount is to be utilized for IV year B.Sc (Ag.), which will further extent financial support to Ms.M.Anamika to pursue higher studies.

**TRAINING TO TN-IAMWARM EXTENSION FUNCTIONARIES**

A series of training programmes entitled, “**Imparting Journalistic Skills to Enhance the Communication Performance of Extension Workers**” under Tamil Nadu Irrigated Agriculture Modernization and Water Bodies

Restoration and Management (TN-IAMWARM) Project was organized by Dr.A.Palaniswamy, Professor, Department of Agricultural Extension and Rural Sociology, TNAU, Coimbatore during 6-7, 10-11, 13-14 March 2008. Dr.M.Ranghaswami, Director, Water Technology Centre inaugurated the training programme. The objectives of the training programme were to impart writing and editing skills for the extension workers for improving their overall journalistic efficiency and to provide simulated 'hands on' training exercises on various concepts of journalism for enhancing the communication skills of extension workers.

**TRAINING PROGRAMME FOR FARMERS OF WATERSHED AREA**

A training programme with the financial assistance from NABARD, Chennai and under the Part II Plan scheme on “**Capacity building for adoption technology for farmers in watershed areas**

**Training**” (CAT) was organized during the first, second and third week of March, 2008 at AC&RI, Killikulam. There were three training programmes each with duration of three days and a total of 85 farmers attended the training in three separate batches. The trainings were conducted with a special focus on ‘**Horticultural Nursery Production Techniques**’ and there were 20 lectures including skill demonstration on shade net nursery / portray seedling production, approach and soft wood grafting in mango, formation of raised beds for vegetable seedlings, raising of cashew seedlings, various budding methods etc. The farmers were also taken to private commercial nursery at Muruganpuram and also to Forestry Extension centre, Ponnakudi, where the Range Officer highlighted the various schemes available with subsidy components for establishment of woodlots / tree seedling production etc. All the three training programmes were presided over by Dr. P. Vivekanandan, Dean, AC&RI, Killikulam

**VC VISITS AEC&RI, KUMULUR >>>**



The Vice-Chancellor visited AEC&RI, Kumulur on 23.4.08. He inaugurated the additional rooms built in the ladies hostel and the drinking water supply line in

the main building. The foundation stone for the “**Food Processing center**” was laid by the Vice-Chancellor. Working of the transplanter was demonstrated to

the Vice-Chancellor. He also visited the Banana chips unit.

The Hostel day function was held on 23.4.2008. The chief guests were Dr.C.Ramasamy, Vice-Chancellor; Dr.Jayaraman, Dean, A D A C & R I and Dr.K.Alagusundaram, Director of PPRC. Mr.Vinod, a students' representative welcomed the gathering. The presidential address was delivered by the Dean, AEC&RI, Kumulur. The annual report was presented by Dr.Thajudin, hostel warden. The prizes were distributed to the winners of various competitions by the Vice-Chancellor. The function was concluded with the vote of thanks by the students' representative Miss. Mythili.

## TRAINING FOR PALMYRAH TAPPERS AND GROWERS



Under the DBT funded scheme entitled “**Entrepreneurship development of edible and non edible products formulation, value addition and marketing of palmyrah (*Borassus flabellifer*) palm**” a hands on training was conducted at Rayalur village, Sankari, Salem dt. on 28.03.2008. In the training programme, about 90 neera tappers participated and got trained. The tappers were trained on value addition of edible and non edible products, popularization of TNAU palm climbing device, motivation of palmyrah tappers and their family members to encourage the value added product preparation. Dr. V. Ponnuswami, Professor (Hort.) & Principal Investigator of the project delivered the lecture to the participants about the need for identifying the high neera yielding early bearing dwarf elite types, standardization protocols for tissue culture and other vegetative propagation techniques for mass multiplication. Dr.Ponnuswami also emphasized about the consumer attractive handicrafts prepared from palm leaves, trunk, roots and petiole. The other TNAU scientists also imparted training to the participants. A handout in tamil on “**Value addition and marketing of edible and non edible products from palmyrah**” was distributed for the benefit of the tappers.

### Training on “EXTRACTION AND UTILIZATION OF BANANA FIBRE”

A one day training programme on “**Extraction and utilization of**

**banana fibre**” was organized on 6.3.2008 at the Department of Food & Agricultural Process Engineering. Twenty five participants from Tamil Nadu and Kerala attended. The process of extraction of banana fibre was demonstrated and the participants were trained on utilization of fibre to produce various value added products namely bag, table mat and other ornamental products.

### PILOT DEMONSTRATION ON CASHEW APPLE UTILIZATION

Cashew apples rich in vitamin C are not utilized at present and mainly go as a farm waste. In order to create awareness among farming communities and enhance farm income as well as employment generation, pilot demonstrations on cashew apple utilization were conducted with the financial assistance from Directorate of Cashewnut and Cocoa Development, Cochin.

Five demonstrations with ten participants in each demonstration were conducted at Regional Research Station, Vridhachalam on 18<sup>th</sup>, 20<sup>th</sup>, 24<sup>th</sup>, 25<sup>th</sup> and 26<sup>th</sup> March, 2008. Farm women of self help group of State Horticulture Department were involved in the training programme.

The trainees were given training on the preparation of Cashew apple syrup with and without blending with other fruit juices like Mango, Pineapple and Lime. The procedure for other preparations like Jam, Chutney was also explained to them. A booklet on Preparation of value added products from cashew apple was prepared in tamil and was distributed to the trainees

### FIELD DAY ON HYBRID RICE

A field day was organized for popularizing the CORH 3 rice hybrid on 12.3.2008 at



Chinnamanur village of Theni District, where CORH 3 rice hybrid has been raised in an area of 500 acres. The field day was presided over by the Vice-Chancellor, TNAU. Dr.T.S.Raveendran, Dr.K. Ramamoorthy and Th.K.Periyasamy, Joint Director of Agriculture attended the meeting besides the scientists working on rice. A total of 120 farmers were present. Dr.T.S.Raveendran, Director, Centre for Plant Breeding and Genetics welcomed the gathering and emphasized the need for evolution of quality rice varieties / hybrids to meet the demand for quality rice. The Joint Director of Agriculture, Theni in his special address focused on the importance of increasing the area under rice particularly rice hybrids with good grain quality. Dr.K.Ramamoorthy, Dean, AC&RI, Madurai underlined the importance of seed village concept for popularizing CORH 3 hybrid. The farmers shared their experience on hybrid rice cultivation and highlighted the achievements. The Vice-Chancellor in his presidential and concluding address highlighted the importance of hybrids in increasing the food production. He stressed that more benefit can be obtained if the farmers resort to SRI cultivation. Dr.K.Mohana Sundaram, Professor and Head, Department of Rice, TNAU proposed a vote of thanks.

### FIELD DAY ON LONG TERM FERTILIZER EXPERIMENT

A field day programme on Long Term Fertilizer Experiment (LTFE) was organized by the Department of Soil Science and Agricultural



Chemistry, Coimbatore on 27.3.2008 to stress the importance of balanced fertilization. Thirty maize growing farmers from Thondamuthur and Alanthurai areas have participated. Dr. C. Paulraj, Professor and Head (SS&AC) narrated the origin of Long Term Fertilizer Experiment. Dr. S.

Chellamuthu and Dr. D. Vasanthi, Professors, working in the LTFE Scheme emphasized the importance of the balanced fertilization and Integrated Nutrient Management (INM) on the maize crop and also elucidated the impact of fertilization on soil health. A handout in Tamil on LTFE results was distributed to the farmers.

As part of the field day programme, a group discussion was held at 4.30.p.m. in the Golden Jubilee Hall. Dr. C. Paulraj, Professor and Head, welcomed the gathering. Dr.T.S. Raveendran, Director (CPBG) stressed the importance of

compost and green manure crops for sustaining soil fertility in addition to inorganic fertilizers. Dr. K. Ponnusamy, Professor (Agronomy) enlightened the farmers regarding the selection of seed materials, fertilizers and weed management to maize varieties and hybrids. A.R. Muthiah, Professor & Head, Department of Millets advised the farmers to get quality seed materials from the University for getting increased profit in maize. All the queries of the farmers about maize cultivation were addressed in the interaction session. At the end, Dr. S. Chellamuthu, Professor (SS&AC), proposed vote of thanks.

### NEW SCHEMES

Name of the Scheme	PI	Amount (lakhs)	Funding Agency
Development of process for exploring the possibilities of utilization of processing waste of fruit crops	Dr.V.Ponnuswami Professor (Hort)	24.50	Ministry of Food Processing Industries , GOI
Evaluation of the performance of liquid bio fertilizers for higher sugarcane productivity under surface and sub surface drip fertigation system	Dr. S. Mahendran Professor ( Agronomy)	6.40	International Panacea Ltd., New Delhi
Evaluation study on the impact assessment of Command Area development and Water Management Programme in Cauvery Command Area	Dr.M.V.Ranghaswami, Director (WTC) Dr.M.Chinnadurai, Professor (Agrl.Econ)	3.00	Govt. of Tamil Nadu
Development of mechanized integrated seed coating technology for maize and pearl millet	Dr.P.R.Renganayaki, Assoc. Prof (SS&T)	2.84	PHI seeds limited, Hyderabad
Evaluation study on the impact assessment of Command Area Development and Water Management Programme in Tamiraparani Command Area	Dr.M.V.Ranghaswami, Director (WTC) Dr.M.Chinnadurai, Professor (Agrl.Econ)	2.00	Govt. of Tamil Nadu
Identification and developing management strategies for the destructive disease of palmyrah, the state tree of Tamil Nadu	Dr. E.G. Ebenezar Professor (Plant Path.)	1.65	TNSC&ST, Chennai

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