

**THIRTY SEVENTH  
ANNUAL REPORT  
(2007-2008)**



**APRIL 2007 - MARCH 2008**

**DIRECTORATE OF PLANNING AND MONITORING  
TAMIL NADU AGRICULTURAL UNIVERSITY**

**COIMBATORE - 641 003**



**THIRTY SEVENTH  
ANNUAL REPORT  
(2007-2008)**



*Compiled by*

**Prof. R. BALASARASWATHI  
Prof. B. RAJKANNAN  
Dr. V.SARAVANAKUMAR  
Thiru. M. CHANDRAKUMAR**

**DIRECTORATE OF PLANNING AND MONITORING  
TAMIL NADU AGRICULTURAL UNIVERSITY  
COIMBATORE - 641 003**





# THIRTY SEVENTH ANNUAL REPORT (2007-2008)



## ANNUAL REPORT COMMITTEE

### *Chairman*

**Dr. R. Balasaraswathi**

Director (i/c), Planning and Monitoring

### *Members*

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Dean, HC&RI

**Dr. R. Selvaraj**

Director, ODL

**TAMIL NADU AGRICULTURAL UNIVERSITY**

COIMBATORE - 641 003





## FOREWORD



**Prof. P. Santhanakrishnan**  
Registrar & Vice-Chancellor (i/c)

Ensuring food and nutrition security of more than a billion people is a great challenge for our country today. It requires increased production of agriculture and animal commodities and making them available at affordable prices to the people. Our farmland area is shrinking and groundwater is getting depleted at an alarming rate. Despite such dwindling resources and losses due to natural calamities, production has to be increased.

We need to strengthen both research and public policy in order to improve the productivity, profitability, stability and sustainability of the major farming systems. Adoption of measures like increasing irrigation facilities, improving soil health, promoting soil conservation measures, effective fertilizer use, evolving new varieties, establishing competitive markets for agricultural commodities and developing measures to mitigate risk in farming are the important steps to make agriculture profitable.

Good quality seed is the primary determinant of productivity. So there is a need to develop competitive seed industry by involving private sector in seed production and distribution. Private sector should be encouraged to facilitate efficient linkages between production and consumption by setting up value chains, contract farming, post-harvest processing and direct marketing to benefit producers as well consumers.

We have a wide variety of climate and soil which is well suited for a wide range of horticultural crops such as, fruits, vegetables, flowers and plantation crops. More emphasis on horticultural crops helps in achieving sustainability of small holdings, increasing employment, improving environment, providing an enormous export potential and above all, achieving nutritional security. While the impact of green revolution in India was felt mainly in assured irrigation areas, horticultural crop production can bring prosperity even in dry and semiarid areas.

Rapid dissemination of improved technologies would play a significant role in increasing food production. Participatory research is essential for developing location-specific technologies.

Agriculture is increasingly becoming knowledge intensive. Manpower development activities need to be supported for creating professional cadre and for successful implementation of research programmes in emerging areas.

Tamil Nadu Agricultural University functions with a goal to strengthen agricultural research, education and extension activities with an ultimate aim to increase agricultural production and to commercialize agriculture in the state. Our research activities are focused based on the needs of our stakeholders. High yielding varieties and hybrids in different crops are released every year to benefit our farming community. Cheaper and easy to use farm implements are developed and released. Efficient technologies for improving production are demonstrated for adoption by farmers.

Being the best Agricultural University in the nation, our students are trained to meet the future national challenges and also to face the global changes. To reach our stakeholders, all our activities and achievements are published periodically by way of Newsletter and books in Tamil and English.

I thank the State and Central Governments, State Planning Commission, State Marketing Board, Indian Council of Agricultural Research, other National and International Funding Agencies for their support to carry out our research and other activities. I thank all my university colleagues without whose tireless contributions, the achievements of Tamil Nadu Agricultural University would be impossible.

I congratulate the Director i/c, Planning and Monitoring and her team in bringing out this document in a commendable manner. I am sure that all our stakeholders would be benefited by the information given in this report and this report will help them understand the sustained efforts taken by our university.

**Prof. P. Santhanakrishnan**  
Registrar & Vice-Chancellor (i/c)

Tamil Nadu Agricultural University  
Coimbatore-3





## PREFACE



### **Prof. R. Balasaraswathi**

Director i/c, Planning and Monitoring

The backbone of our economy is agriculture. Agriculture, encompassing crop and animal husbandry, horticulture, forestry and agro-forestry, fisheries and agro-processing, is the major determinant of the livelihood destiny of nearly 700 million people of India, and the farm sector still employs 60% of the nation's workforce. In the late sixties and seventies when India went through difficult times, Indian agriculture research was able to tide over a major crisis through the introduction of the Green Revolution that eventually transformed India from a basket case to a food surplus country.

To meet the huge requirement of the burgeoning population, increased productivity is required. There is lot of potential to raise agricultural output in the country. Agricultural research, education and extension activities are to be strengthened to exploit the potential and increase the production and productivity. Interdisciplinary research and application of modern technologies will help to face our challenges.

Agriculture, not only remains tied to the whims of natural calamities but also to the vagaries of the market. There are mismatches between production and post-harvest technologies and between production and market demand.

Farmers are becoming aware and Indian agriculture is transforming towards commercialization, diversifying in favour of high-value commodities and integrating with the global markets.

As India has gone global, there is also the threat to Indian farmers, from large-scale imports of food grains and processed foods at prices that cannot match with domestic rates. Also to increase our export, our produce has to be of international quality and globally competitive. The future prospects of agriculture would depend on how the domestic potential is exploited and how we adjust to the global changes. Also a good business environment would promote farmers to remain in agriculture.

Tamil Nadu Agricultural University which is the leading university is striving hard to uplift the agricultural scenario in the state. Many new varieties, technologies and farm implements are released every year to benefit the farming community. However, several challenges are yet to be met and so the activities of the university is geared to meet the challenges.

Our extension scientists take utmost efforts so as all our technologies reach the beneficiaries effectively in time. TNAU stands number one in imparting Agricultural education in the country. The university has collaborations with international universities and national and international research organizations to upgrade the knowledge of our students.

Behind the success of all our efforts lie the guidance and encouragement of our Vice-Chancellor. I thank our Vice-Chancellor, for all the support given to us. I thank the State and Central governments, State Planning Commission, Indian Council of Agricultural Research, other National and International agencies who have supported financially our Research, Education and Extension programmes. I also thank all the Deans / Directors, Head of departments and Scientists of Tamil Nadu Agricultural University for their cooperation in providing the reports in time for compilation.

My special thanks to all my staff of the Directorate of Planning and Monitoring for their sincere and whole hearted support and efforts in bringing out this report.

I am really proud and feel happy to compile and forecast this annual report on behalf of Tamil Nadu Agricultural University.

**Prof. R. Balasaraswathi**  
Director i/c



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## 1. INTRODUCTION

Agriculture in Tamil Nadu is the most overriding sector in the economy of the state. Around 70 percent of the state's population is involved in agricultural activities as this is one of the major means of livelihood in Tamil Nadu. State economy cannot sustain high rates of growth without enhancing the competitiveness of agriculture and effectively linking it to remunerative opportunities in domestic and world markets. The recent liberalization poses challenges at global level and makes Agriculture in Tamil Nadu has to compete not only with other states of India but also with world agriculture. The agricultural products from other states of India and also the processed and imported agricultural goods from rest of the world are challenging in terms of quality and price with domestic agricultural products. So farmers in Tamil Nadu should give much consideration to the following thrust areas viz., market led farming, good agricultural practices, post harvest technologies, good marketing practices such as value chain management, market information and intelligence so as to face the global competitiveness. The agricultural education should be strengthened and designed to meet out the global standards and perspectives for effective research and extension programmes. The research on agriculture should be focused on the above mentioned thrust areas and the results of the same should reach the farming community properly and effectively. The role of Tamil Nadu Agricultural University is crucial to a great extent for food security as well as farmers welfare by increasing agricultural productivity and farm profitability, focusing the market led farming, increase the agribusiness opportunities. Keeping the above in mind, Tamil Nadu Agricultural University has proactively designed and implemented its triple functions of education, research and extension activities. In this line, the significant achievement and developments made in TNAU during 2007-08 in agricultural education, research and extension activities are presented in this report.

### Education

Tamil Nadu Agricultural University has reached the position of one of the best agricultural universities in India due to its high quality of agricultural education. TNAU's significant role in offering agricultural education is made possible through the 10 colleges in seven campuses and two diploma institutes. The curriculum of the university is tailored to meet out the needs of the clientele who are engaged in Agriculture, Horticulture, Agricultural Processing, Agricultural Marketing, Agro-based industries, Agricultural Engineering and Home Science as well as future agriculture development and research. The needed changes being made in the curriculum and offering quality education is reflected by the successful graduates achieving in organizations of different sectors. The students of the university have recorded their excellence through their success in All India Competitive Examinations conducted by the Union Public Service Commission (UPSC), Indian Council of Agricultural Research (ICAR), Tamil Nadu Public Service Commission (TNPSC); placed at higher position in Multi National and National level corporate companies, and financial institutions; and posted as Scientists / Research scholars in various Indian Council of Agricultural Research (ICAR), and Consultative Group on International Agricultural Research (CGIAR) institutes.

Open and distance learning programmes also offered through correspondence mode viz., Certificate Courses, PG Diploma programmes and PG Degree programmes for the benefit of various segments of the farming community, entrepreneurs, self help groups and other learners who aspire for correspondence education and interested in establishing agro based industries in rural areas.

Besides, career counseling for higher education in domestic and abroad and counseling placement activities for all the constituent colleges of the university. The graduates of the university are well placed through campus interviews, job fairs, industrial

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visits and overseas employment unit. In the recent years, students are benefited through “Green Group” member i.e. internet based global networking for Tamil Nadu Agricultural University alumni working or studying abroad for exchange of information about fellowships and assistantships or job opportunities available across the globe. Overseas Employment Unit is also functioning well to pave way to the agriculture graduates to secure employment in foreign countries. So far 36 candidates have already placed in Middle East (Dubai, Doha, Muscat, Kuwait and Madagascar) and African Countries.

### Research

TNAU's significant role in conducting need based agricultural research on crop improvement, crop management, crop protection and post harvest technologies, agricultural marketing, agricultural finance, rural management, climate change, processing, farm implements and machineries, increasing water use efficiency and water management technologies were made possible through the 10 colleges and 32 research stations.

As a result of research in the agricultural crops during the year 2007-08, one new variety in Rice, Ragi, Ground nut, Brinjal, CN hybrid grass, Kolinji, Manila Tamarind and Casuarina were released. Besides, Battery operated portable wetland weeder, Tractor operated fruit-shake harvester, Tractor operated rotary spading machine, Tractor operated subsoil coir pith applicator were also developed and made available for the farming community.

The management technologies like Botanical based silkworm uzifly ovipositional deterrent, IPM for the management of serpentine leaf miner *liriomyza trifolii* burgess in vegetables, slope stabilization technology, TNAU panchagavya technology, and high

density planting in mango were also released during the year under report.

Forecasting of prices for agricultural commodities and dissemination of market information by Domestic and Export Market Intelligence Cell (DEMIC) of the university is highly useful for the farmers and market functionaries involved in agricultural marketing. Forecasting of prices for cotton, banana, chillies, turmeric, maize, small onion, gingelly and blackgram was done to help the farmers in taking decisions regarding whether to hold (or) sell the stocks immediately after harvest for getting better prices. Also different markets offering higher prices were informed.

### Extension

The latest technologies emanating from various programmes of Tamil Nadu Agricultural University transferred to the farming community and extension personnel. Out of 29, fourteen Krishi Vigyan Kendras (KVKs) are functioning under the control of this University and organized skill oriented vocational training to farm men and women and youth in agriculture and allied fields. Exposure visit to Horticultural officers to Other states, the capacity building training programme for extension functionaries of Agricultural department, training to Horticulture Officers of TANHODA under NHM, training to Agricultural Officers, training to Agricultural Supervisors and SAMETI training were organized by the training division of the directorate. Besides, Agri Intex 2007 and exhibitions were organized and various agricultural technologies are being disseminated through Valarum Velanmai (Magazine), Audio and Video cassettes and Video CD for the benefit of farmers. Agricultural Technology Information Centre (ATIC) is a single window delivery system it provides agricultural information, products and technologies developed by the University to the farmers.





## 2. ADMINISTRATION

Chancellor : His Excellency the Governor of Tamil Nadu  
**Thiru. SURJIT SINGH BARNALA**

Pro-chancellor : Hon'ble Minister for Agriculture, Government of Tamil Nadu  
**Thiru. VEERAPANDI S. ARUMUGAM**

Vice-Chancellor : **Dr. C. RAMASAMY**

Sl. No.	Designation	Name	Period	
			To	From
1.	Registrar, TNAU Coimbatore	Dr. P. Santhana Krishnan	01.04.2007	31.03.2008
2.	Dean, AC&RI, Coimbatore	Dr. K. Vanagamudi	01.04.2007	31.03.2008
3.	Dean, SPGS, Coimbatore	Dr. R. Chandrababu	01.04.2007	31.03.2008
4.	Dean, HC&RI, Coimbatore	Dr. D. Veeraragavathatham	01.04.2007	31.03.2008
5.	Dean, AEC&RI, Coimbatore	Dr. A. Sampathrajan	01.04.2007	31.03.2008
6.	Dean, AC&RI, Madurai	Dr. K. Ramamoorthy	01.04.2007	31.03.2008
7.	Dean, HSC&RI, Madurai	Dr. A. Andal	01.04.2007	31.03.2008
8.	Dean, AEC&RI, Kumulur	Dr. K. Rangasamy	01.04.2007	31.03.2008
9.	Dean, AC&RI, Killikulam	Dr. P. Vivekanandan	01.04.2007	31.03.2008
10.	Dean, HC&RI, Periyakulam	Dr. S. Natarajan	01.04.2007	31.03.2008
11.	Dean, AC&RI, Trichy	Dr. S. Jebaraj	01.04.2007	20.11.2007
	Dean, i/c , AC&RI, Trichy	Dr. G. Gajendran	21.11.2007	02.01.2008
	Dean, AC&RI, Trichy	Dr. S. Jeyaraman	03.01.2008	31.03.2008
12.	Dean, APAC, Kalavai	Dr. R. Durai	01.04.2007	31.03.2008
13.	Dean, FC&RI, Mettupalayam	Dr. Masina Govinda Rao	01.04.2007	31.03.2008
14.	Controller of Exams., TNAU Coimbatore	Dr. V. Valluvaparidasan	01.04.2007	31.03.2008
15.	Director of Research TNAU Coimbatore	Dr. B. Chandrasekaran	01.04.2007	31.03.2008
16.	Director, CPBG TNAU, Coimbatore	Dr. T.S. Raveendran	01.04.2007	31.03.2008
17.	Director, SCMS TNAU, Coimbatore	Dr. S Natarajan	01.04.2007	31.03.2008
18.	Director, CPPS, Coimbatore	Dr. R. Samiyappan	01.04.2007	31.03.2008
19.	Director CARDS. TNAU, Coimbatore	Dr. K. Palanisami	01.04.2007	31.03.2008
20.	Director, CPMB TNAU, Coimbatore	Dr. P. Balasubramanian	01.04.2007	31.03.2008
21.	Director, WTC TNAU, Coimbatore	Dr. M.V. Ranghaswami	01.04.2007	31.03.2008

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22.	Director, Extn. Education TNAU, Coimbatore	Dr. E. Vadivel	01.04.2007	31.03.2008
23.	Director, Planning & Monitoring, TNAU, Coimbatore	Dr. P. Murugesaboopathi Dr. R. Balasaraswathi(i/c)	01.4.2007 01.4.2007	31.03.2008 31.03.2008
24.	Director, Agri.Business Development	Dr. P. Subbian	01.04.2007	31.03.2008
25.	Director, Open and Distance Learning TNAU, Coimbatore	Dr. G. Selvaraj	01.04.2007	31.03.2008
26.	Director, Students Welfare TNAU, Coimbatore	Dr. M. Thangaraju,	01.04.2007	31.03.2008
27.	Director, TRRI, Aduthurai	Dr. V. Muralidharan	01.04.2007	20.11.2007
		Dr. S. Jebaraj	21.11.2007	31.03.2008
28.	Estate Officer,i/c TNAU, Coimbatore	Er. D. Kalaiselvan	01.04.2007	31.01.2008
		Er. R. Sampath Raja	01.02.2008	31.03.2008
29.	Comptroller TNAU, Coimbatore	Thiru M. Thangaraj	01.04.2007	31.03.2008

## BOARD OF MANAGEMENT

### Chairman and Members of Board of Management

Chairman :				
1.	Dr. C.Ramasamy, Ph.D., Vice Chancellor TNAU, Coimbatore		01.04.2007	31.03.2008
Members :				
2.	Thiru. Surjit K. Chaudhry, I.A.S., Agrl. Production Commissioner and Secretary to Government Agriculture Department, Secretariat Chennai-600 009		01.04.2007	31.03.2008
3	Thiru K. Gnanadesikan, I.A.S., Secretary to Government Finance Department, Secretariat Chennai 600 009.		01.04.2007	31.03.2008
	Thiru. K. Phanindra Reddy, I.A.S., Special Secretary (Finance) Finance Department, Secretariat Chennai - 600 009			Member (Representing Finance Secretary)
	Thiru. Praveen Kumar, I.A.S., Special Secretary to Government Finance Department, Secretariat Chennai - 600 009			Member (Representing Finance Secretary)



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4	Thiru S.Kosalaraman, I.A.S., Director of Agriculture Agriculture Department, Chepauk, Chennai-600 005	01.04.2007	31.03.2008
5	Thiru Jagmohan Singh Raju, I.A.S., Commissioner Commissionerate of Horticulture and Plantation Crops Agriculture complex, III Floor, Chepauk Chennai-600 005	01.04.2007	31.03.2008
6	Thiru S.T.Sabarathinam Chief Engineer (Agrl. Engg.) 487, Anna Salai, Nandanam Chennai-600 035	01.04.2007	31.03.2008
7	Thiru C.K.Sreedharan, I.F.S., Principal Chief Conservator of Forests No.1, Jeenis Road, Saidapet Chennai-600 015	01.04.2007	31.03.2008
8	Dr. N. Vijayan Nair Director Sugarcane Breeding Institute Coimbatore-641 007	01.04.2007	31.03.2008
9.	Dr. S. Arulsekhar 3/33, Thiruvarur Main Road Manganallur Bazar Post Mayavaram taluk-609 404	01.04.2007	13.02.2008
	Dr. P.P. Ramaswami 66, 'S' Block, 19 <sup>th</sup> Street Anna Nagar Chennai-600 040	14.02.2008	31.03.2008
10.	Thiru D. Ramakrishnan Ooruppannadi Nivas Kottur Malaiyandipattanam Pollachi, Coimbatore district-642 114	01.04.2007	13.02.2008
	Thiru O.V.R. Somasundaram Odayakulam (PO), Pollachi (TK) Coimbatore district-642 129	14.02.2008	31.03.2008
11.	Rtn. PHF. R. Pandian Chairman & M.D., Orpi Group of Companies, Raj Chambers 978, Thadagam Road, R.S. Puram Coimbatore-641 002	01.04.2007	13.02.2008
	Thiru P.K. Venkatachalam Chairman & Managing Director Kaveri's Bio Proteins (P) Ltd., And K.V. Bio Farm (P) Ltd. Namakkal - 637 001	14.02.2008	31.03.2008



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	Dr. K. Balaraman No. 559, RMV II Stage Scientific Nursery Complex New B.E.L. Road Bangalore-560 094	01.04.2007	13.02.2008
12	Thiru Kumar J. Pandian, Managing Director Pandyan Coffee Curing Works (P) Ltd. 14, Main Road, K.K.Nagar Madurai-625 020	14.2.2008	31.03.2008
13	Mrs. Chinnapillai Organizer of Agricultural Labourers C/o. DHAN Foundation 18 Pillayar Kovil Street, S.S. Colony Madurai-625 010	01.04.2007	13.02.2008
	Mrs. V. Parvathy Pallathu Thottam Alukkuli (Post) Gobichettipalayam (TK) Erode-638 453	14.2.2008	31.03.2008
14	Dr. S.P. Sugirthavathi 79/264, Lakshmanasamy Salai K.K. Nagar Chennai-600 078	01.04.2007	13.02.2008
	Dr. S. Ramaswamy E-36, Parsn, Galaxy Nanjundapuram Road Coimbatore-641 036	14.2.2008	31.03.2008
15	Thiru S. Gurusamy, M.L.A., 92, Burgur Main Road Sankarapalayam Post Anthiyur via, Bhavani taluk Erode district-638 501	01.04.2007	31.03.2008
16	Thiru S. Tamil Mani Managing Director, Raha Oils Pvt. Ltd. No.376, Manickanatham Road Paramathi, Paramathivelur Namakkal district-637 207	01.04.2007	31.03.2008
17	Dr. K.P. Ramalingam, B.V.Sc., "Uzhavar Illam" Rasipuram-637 408 Namakkal district	01.04.2007	31.03.2008
<b>Member - Secretary :</b>			
18	Dr. P.Santhana Krishnan, Ph.D. Registrar TNAU, Coimbatore	01.04.2007	31.03.2008





## MEETINGS OF THE BOARD OF MANAGEMENT (2007-2008)

144<sup>th</sup> Meeting on 23-5-2007 at TNAU, Coimbatore

145<sup>th</sup> Meeting on 12-11-2007 at TNAU, Coimbatore

146<sup>th</sup> Meeting on 2-1-2008 at TNAU, Coimbatore

### IMPORTANT DECISIONS OF THE BOARD OF MANAGEMENT

#### 144<sup>th</sup> Meeting ( 23-5-2007) :

1. Approved for awarding Doctor of Science (*Honoris Causa*) to the Hon'ble Chief Minister of Tamil Nadu in the XXVIII Convocation of the Tamil Nadu Agricultural University and to submit a proposal to His Excellency the Governor of Tamil Nadu and Chancellor of Tamil Nadu Agricultural University for his approval.
2. Approved for starting of the following two new undergraduate degree programmes in TNAU on self supporting basis from the academic year 2007-2008.
  - a. B.Tech. (Agrl. Information Technology)
  - b. B.S. (Agri. Business Management)
3. Approved and ratified the action of the University in having filled up the entrance level teaching posts (10 Nos) in the category of Assistant Professors by way of recruitment
4. Approved the plan for the construction of Centenary Building in the TNAU Main campus and sanctioned the cost estimate of Rs.5 crores as approved in the G.O. Ms.No.53 Agri(AU) Department dated 16.2.2007
5. Approved the proposal for renaming the Department of Agricultural Meteorology as 'Agro Climate Research Centre'.
6. Approved the proposed setting up of Environmental Observatories by the Indian Space Research Organization, Department of Space, Government of India, Bangalore in Tamil Nadu Agricultural University and the identification of two TNAU

Research stations by ISRO for setting up of the above observatories, one at Horticultural Research Station, Ooty and another at Horticultural Research Station, Yercaud for taking up co-ordinated Environmental research studies

7. Approved for allocating a vacant site measuring 5 cents within the Main campus of TNAU, Coimbatore to the Tamil Nadu Agricultural University Pensioners' Association for their own construction of office building on a nominal rent basis.

#### 145<sup>th</sup> Meeting (12-11-2007) :

1. Approved the introduction of Dual Degree Programmes in the TNAU In principle.
2. Approved the proposal for the establishment of an Agricultural Research Station for Dry land research at Sivagangai district.
3. Approved the renaming the Horticultural Research Station, Ooty as 'Institute of Commercial Horticulture' instead of 'Institute of Organic Horticulture'.

#### 146<sup>th</sup> Meeting (2-1-2008) :

1. Approved for implementing the new Retirement Benefit Scheme viz., Tamil Nadu Government Employees' Special Provident Fund - cum Gratuity Scheme, 2000 for the employees of Tamil Nadu Agricultural University with effect from 19-1-2008 as per the terms and conditions stipulated in G.O.Ms.No.504 Finance (Pension) Dept. dt. 2-11-2000.
2. Approved the construction of GM

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crop testing and DNA finger printing Laboratories at Seed Centre, TNAU, Coimbatore under the GOI Scheme Development and Strengthening of Seed Facilities Infrastructure for Production and Distribution of Seeds with a total plinth area of 2,700 sq.ft. and accorded financial sanction for a sum of Rs.30 lakhs as per the cost estimate and plan prepared.

3. Approved and sanctioned the purchase of one unit of Microarray Genechip System and consumables to the Department of Plant Molecular Biology and Biotechnology, CPMB, TNAU, Coimbatore from M/s SPINCO Biotech Pvt. Ltd.,

Chennai at a total cost of USD 1,55,000 (approximately INR Rs.60.45 lakhs) under GOI-DBT sponsored scheme.

4. Approved and sanctioned the purchase of Atomic Absorption Spectroscopy (ICP Model) with accessories to the Department of Plant Molecular Biology and Biotechnology, CPMB, TNAU, Coimbatore from M/s Thermo Electron LLS India (P) Ltd., Chennai at a total cost of Rs.27.58 lakhs (Main unit UK Pounds 27,000 in INR Rs.21.87 lakhs and accessories of Rs.5.71 lakhs) under GOI-DBT sponsored scheme.

### MEMBERS OF THE ACADEMIC COUNCIL

Sl. No.	Name and Designation	Period	
		To	From
<b>EX-OFFICIO CHAIRMAN</b>			
1.	Dr.C.Ramasamy Vice-Chancellor TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
<b>EX-OFFICIO SECRETARY</b>			
2.	Dr. P. Santhana Krishnan Registrar Tamil Nadu Agricultural University Coimbatore - 641 003	01.04.2007	31.03.2008
<b>MEMBERS</b>			
3	Thiru Surjit K. Chaudhary, I.A.S., Secretary to Government Agriculture Department Fort, Chennai - 600 009	01.04.2007	31.03.2008
4.	Dr. P.K. Ashokan Director (Academic) Karala Agricultural University Thrissur - 680 656, Kerala	01.04.2007	21.11.2007
	Dr. M. Sudarshan Reddy Dean of Agriculture Acharya N.G. Ranga Agricultural University Rajendranagar, Hyderabad 600 030	22.11.2007	31.03.2008
5.	Dr. K.P. Rama Prasanna Professor & University Head Dept. of Seed Science and Technology College of Agriculture University of Agricultural Sciences GKVK, Bangalore - 560 065, Karnataka	01.04.2007	21.11.2007





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	Dr. P.K. Rajeevan Associate Dean College of Horticulture Kerala Agricultural University Vellanaikkara, Thrissur - 680 656	22.11.2007	31.03.2008
6.	Dr. T.N. Balamohan Professor & Head Department of Fruit Crops HC & RI, TNAU, Coimbatore	01.04.2007	21.11.2007
	Dr. D. Saraladevi Professor and Head Dept. Of Spices and Plantation Crops HC & RI, Periyakulam East - 625 604	22.11.2007	31.03.2008
7.	Dr. P. Banumathi Professor & Head Dept. of Food Science & Nutrition AC & RI, Madurai	01.04.2007	21.11.2007
	Dr. M.R. Premalatha Professor and Head Dept. of Family Resource Management HSC & RI, Madurai - 625 104	22.11.2007	31.03.2008
8.	Dr. P. Venkatachalam Prof. and Head, Dept. Of Bio-Energy AEC & RI, Coimbatore - 641 003	01.04.2007	31.03.2008
9.	Dr. M. Chandrasekaran Professor and Head Dept. Of Economics TNAU, Coimbatore - 641 003	01.04.2007	21.11.2007
	Dr. R. Jagannathan Professor and Head Agro Climate Research Centre TNAU, coimbatore - 641 003	22.11.2007	31,03.2008
10	Dr. A.K. Mani Professor and Head Dept. Of Forest Soils FC & RI, Mettupalayam - 641 301	01.04.2007	21.11.2007
	Dr. K. Srinivasan Professor and Head Department of Agro Forestry FC & RI, Mettupalayam - 641 301	22.11.2007	31.03.2008
11.	Dr. G. James Pitchai Professor and Head Dept. Of Soils and Environment AC & RI, Madurai - 625 104	01.04.2007	31.03.2008
12.	Dr. K. Vanangamudi Dean (Agri), AC & RI TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
13.	Dr. R. Chandra Babu Dean (SPGS) TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008



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14.	Dr. D. Veeraragavathatham Dean (Hort.), HC & RI TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
15.	Dr. A. Sampathrajan Dean (Agri. Engineering), AEC & RI TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
16.	Dr. K. Ramamoorthy Dean, AC & RI Madurai - 625 104	01.04.2007	31.03.2008
17.	Dr. P. Vivekanandan Dean, AC & RI Killikulam - 628 252	01.04.2007	31.03.2008
18.	Dr. S. Jebaraj Dean, ADAC & RI Tiruchirapalli - 620 009	01.04.2007	20.11.2007
	Dr. G. Gajendran Dean i/c, ADAC & RI Tiruchirapalli - 620 009	21.11.2007	02.01.2008
	Dr. S. Jeyaraman Dean, ADAC & RI Tiruchirapalli - 620 009	03.01.2008	31.03.2008
19.	Dr.S.Natarajan Dean , HC&RI Periyakulam - 625 604	01.04.2007	31.03.2008
20.	Dr.K.Rangasamy Dean, AEC&RI Kumalur - 621 712	01.04.2007	31.03.2008
21.	Dr.Masina Govinda Rao, I.F.S. Dean, FC&RI Mettupalayam - 641 301	01.04.2007	31.03.2008
22.	Dr.A. Andal Dean , HSC&RI Madurai - 625 104	01.04.2007	31.03.2008
23.	Dr. L. Nadarajan Dean, PAJANCOA Karaikal - 609 603	01.04.2007	31.03.2008
24.	Dr.R.Durai Dean, Adhiparasakthi Agricultural College, Kalavai - 632 506	01.04.2007	31.03.2008
25.	Dr.V.Valluvaparidasan Controller of Examinations TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
26.	Dr.B.Chandrasekaran Director of Research TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
27.	Dr.P.Balasubramanian Director, CPMB TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008



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28.	Dr.K.Palanisami Director, CARDS TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
29.	Dr.E.Vadivel Director of Extension Education TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
30.	Dr.R.Samiyappan Director, CPPS TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
31.	Dr.M.V.Ranghaswami Director, WTC TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
32.	Dr.S.Natarajan Director, SCMS TNAU, Coimbatore 641 003	01.04.2007	31.03.2008
33.	Dr.T.S.Raveendran Director, CPBG TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
34.	Dr. G. Selvaraj Director, Open and Distance Learning TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
35.	Dr.M.Thangaraju Director, Students Welfare TNAU, Coimbatore - 641 003.	01.04.2007	31.03.2008
36.	Dr. P. Murugesu Boopathy Director, Planning & Monitoring TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
	Dr. R. Balasaraswathi (i/c) Director, Planning & Monitoring TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
37.	Dr. P. Subbian Director, ABD TNAU, Coimbatore - 641 003	01.04.2007	31.03.2008
38.	Dr.V.Muralidharan Director, TRRI Aduthurai - 612 101	01.04.2007	20.11.2007
	Dr. S. Jebaraj Director, TRRI Aduthurai - 612 101	21.11.2007	31.03.2008



## MEETINGS OF THE ACADEMIC COUNCIL HELD DURING 2007 - 2008 (AC.103, 104 & 105)

The Academic Council met thrice during the academic year 2007-08 and the following important decisions were taken.

### 103<sup>RD</sup> ACADEMIC COUNCIL MEETING (23.04.2007)

#### APPROVED

- Fixing basic english course as requirement for admission of Foreign Students to UG and PG programmes.
- Revised eligibility, qualification and admission procedure for Under Graduate Programmes from the academic year 2007-2008.
- Relaxation of age limit of five years to the persons with disabilities in admission to Under Graduate courses.
- Increase in the admission strength of B.Sc. (Forestry), B.Tech (Bio-informatics) and B.Tech (Agrl. Biotechnology)
- Revised norms for starting of Agriculture / Horticulture / Agrl. Engineering colleges with Under Graduate Degree courses.
- Approved the first semester syllabus and course content for all the Under Graduate degree programmes 2007-08.
- Renaming of B.Tech (Agrl. Biotechnology) degree course as B.Tech (Biotechnology).
- Reducing the duration of study tour from 28 days to 7 days for Diploma in Agriculture / Horticulture courses from the academic year 2007-08.
- Allotting M.Sc. and Ph.D students to Research Stations / Colleges for conducting Thesis research from the academic year 2007-08.
- Approved minimum OGPA as 7.0 and 7.5 respectively for Masters and Doctoral programme to appear for qualifying examination.
- Change the name of M.Tech and Ph.D.

Programmes in Agricultural Processing as M.Tech and Ph.D in Food and Agricultural Process Engineering.

- Fixing the admission strength for Diploma Course in Agriculture in the constituent Diploma Institutes of TNAU.
- Recognition of Ph.D degree awarded by Louisiana State University, USA to Dr. A. Sankaralingam, Professor Dept. of Plant Pathology, TNAU, Coimbatore as equivalent to Ph.D Degree of TNAU.
- One time exemption of National Eligibility Test (NET) for the candidates who have appointed for the post of Assistant Professor / Assistant Librarian - 2007

#### Recommended to Board of Management

- Awarding 'Doctor of Science (*Honoris Causa*) to the Hon'ble Chief Minister of Tamil Nadu in the XXVIII Convocation of TNAU.
- Starting of the following two new Under Graduate degree programmes on self supporting basis from the academic year 2007-08
  1. B. Tech (Agrl. information Technology)
  2. B.S (Agri Business Management)

### 104<sup>TH</sup> ACADEMIC COUNCIL MEETING (01.09.2007)

#### APPROVED

- M.Tech (Microbial Technology) as eligible qualification for admission to Ph.D in Agricultural Microbiology from the academic year 2007-08.
- Approved to admit five candidates in each of the Under Graduate programme under Industries sponsorship from the academic year 2007-08.
- Deletion of norms of physical standard



requirement for admission to B.Sc (Forestry) programme from the academic year 2008-09.

- Renaming of the course B.Tech (Agricultural Biotechnology) as B.Tech (Biotechnology) shall be from the academic year 2006-07.
- Introduction of project report in the place of thesis for MBA students from the 2007-2008 batches.

#### Recommended to Board of Management

- To conduct the 28<sup>th</sup> Annual Convocation of the University during the month of October 2007 according to the convenience of the Chancellor of TNAU and invite the following eminent persons:
  1. Thiru. P. Chidambaram, Hon'ble Finance Minister, Government of India as the Chief Guest for

delivering Convocation address and also conferring Doctor of Science (*Honoris Causa*) on him.

2. Dr. Vijaya G.S.Raghavan, Professor, Mc Gill University, Canada as the Special Guest and to confer Doctor of Science (*Honoris Causa*) on him.

#### 105<sup>TH</sup> ACADEMIC COUNCIL MEETING (12.11.2007)

##### APPROVED

- Collection of reappearance examination fee and re-registration fee from Diploma students.
- Revised duration for final theory examination for Under Graduate programmes

##### Recommended to Board of Management

- Introduction of Dual Degree Programme in TNAU in collaboration with Foreign Universities.

### TWENTY-EIGHTH CONVOCATION HELD ON NOVEMBER 13, 2007

The Twenty-Eighth Convocation of the Tamil Nadu Agricultural University was held on November 13, 2007 at Convocation Hall, University Campus. His Excellency Thiru Surjit Singh Barnala, the Governor of Tamil Nadu and Chancellor of Tamil Nadu Agricultural University

presided. 635 candidates took the Degrees IN PERSON in the Convocation Hall and 269 Candidates took the Degree IN ABSENTIA. The Details the candidates (Discipline wise) are furnished above.

Sl.No.	PROGRAMME	IN PERSON	IN ABSENTIA	TOTAL
01.	Doctor of Philosophy	50	18	68
02.	Master of Science	171	94	265
03.	Under Graduate	414	157	571
	<b>Total</b>	<b>635</b>	<b>269</b>	<b>904</b>

A total of 51 prizes and Medals were awarded to 47 candidates in various Degree programmes. Dr. P. Chidambaram, Honorable Finance Minister, Government of India, as the Chief Guest of the function and delivered the Convocation address. During the Convocation the degree of Doctor of Science (*Honoris*

*Causa*) was conferred upon to Dr. Vijaya G.S. Raghavan, Professor, Department of Bio Resources Engineering, Canada. The Best Aluminous Award 2007 was awarded to Mr. Ravi, I.P.S., Inspector General of Police.

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## VICE-CHANCELLOR'S TOUR PROGRAMME

### I. Visit to TNAU Centres / Other Places

Attended Variety Release Committee Meeting at Chennai on 24.05.2007

Attended Land Transfer Function for Maize Research Station, Vagarai at Tirupur on 07.06.2007

Attended Farmers function at Sivagangai on 09.06.2007

Attended the ABSPII Meeting on 17<sup>th</sup> June 2007 at Hyderabad

Visited Horticulture Research Station, Ooty and held discussion with faculty on 19.06.2007 and 25.07.2007.

Attended Farmers Meeting held at Gobi on 23.06.2007

Visited Precision Farming Project area at Dharmapuri and Krishnagiri on 27.06.2007

Attended the Farmers Meeting at Trichy on 30.06.2007

Attended the 6<sup>th</sup> Meeting of the project Management Committee of the National Agricultural Innovation Project held at New Delhi on 09.07.2007

Attended the Opening Ceremony of Administrative Building at KVK, Virinjipuram, Vellore District on 13.07.2007

Attended the Brain storming workshop on the National Agricultural Innovation project on 2<sup>nd</sup> August at ICAR, New Delhi

Visited Maize Research Station, Vagarai on 23.08.2007 to review the developments

Discussion with Scientists and IAMWARM Review Meeting at Cotton Research Station, Srivilliputhur on 24.08.2007

Discussion with Scientists and IAMWARM Review meeting at TCRS, Yethapur on 29.08.2007

Participated as the Chief Guest at State Level Agricultural Technology Meeting at Chennai on 04.10.2007

Reviewed the Research projects at ARS, Vaigai Dam on 12.10.2007

Reviewed the progress of establishment activities at Cotton Research Station, Veppanthattai on 27.10.2007.

Discussion with scientists at FC & RI Mettupalayam regarding NAIP project proposal on 24.12.2007

Interaction with farmers cultivating *Gloriosa superba* and scientists at Maize Research Station, Vagarai on 28.12.07

Presided the SRI function conducted under IAMWARM project at Thumbal Village, Salem District on 31.12.2007

Visited Hybrid Rice farmers field at Sathyamangalam, Gobichettipalayam on 16.01.2008

Visited New Research Station site at Sivagangai on 19.01.2008.

Visited IAMWARM field at Vikkaravandi on 23.01.2008 & 24.01.2008

Visited IAMWARM field at Aliyarnagar on 30.01.2008

Reviewed the Research Stations and KVKs at Kovilpatti, Pechiparai on 4<sup>th</sup> and 5<sup>th</sup> February, 2008.

Visited and reviewed the activities at KVK, Vridhachalam on 24.02.2009 and Sugarcane Research Station, Cuddalore and Vegetable Research Station, Palur on 25.02.2008.

Attended the Golden Jubilee Function of the ARS Bhavanisagar was held on 27.02.2008 Honourable Minister for Agriculture, Government of Tamil Nadu and Honourable Minister for Handlooms, Thiru N.K.K.P. Raja graced the function





Visited Coconut farmers field at Aliyarnagar and Pollachi on 10.03.2008

Participated in the College Function at HC&RI, Periyakulam on 12.03.2008

- Visited IAMWARM farmer field at Veerapandi on 12.03.2008
- Participated in the Co 48 field day at Chinnamanur on 12.03.2008
- Visited Rice Research Station & KVK, Tirur and held discussion with scientists on 17.03.2008
- Visited Tapioca and Castor Research Station, Yethapur and held discussion with scientists on 18.03.2008.
- Attended Farmers' Seminar at Salem on 22.03.2008

## II. Interactive Discussion / Meetings

- Attended AME foundation Board Trustees Meeting at Bangalore on 26.05.2007
- Discussion with Hon'ble Minister for Agriculture at Salem on 01.06.2007
- Attended the General Body Meeting and Foundation Day Programme of the National Academy of Agricultural Sciences at New Delhi on 4<sup>th</sup> and 5<sup>th</sup> June 2007
- Inaugurated Online Future Trading of the First Commodities Exchange of India at Kangayam on 24.06.2007
- Inaugurated Palani Agri Clinic at Hosur on 28.06.2007.
- Attended the Meeting chaired by the Minister for Agriculture, Chennai on 10.07.2007
- Attended the Jatropha Cultivation Meeting at Secretariat, Chennai on 11.07.2007
- Attended Review Meeting of the Minister for Agriculture, at Secretariat, Chennai on 14.07.2007

Visited DHAN Foundation field activities and had discussion at Madurai on 15.07.2007

Chaired the Finance Committee Meeting at Secretariat, Chennai on 19.07.2007

Visited the National Agro Foundation, Chennai on 18.07.2007  
Attended the 1<sup>st</sup> EFC Meeting of DARE/ICAR's XIth Plan at ICAR, New Delhi on 7<sup>th</sup> August 2007

Discussion with Faculty member at UAS, Bangalore regarding ALO project on 20.08.2007

Discussion with Hon'ble Minister for Finance on 7<sup>th</sup> & 8<sup>th</sup> October 2007 at Chennai

Attended the PMC Meeting on NAIP, at ICAR, New Delhi on 16.11.2007

Attended the State Planning Commission Meeting at Chennai on 23.11.2007

Visit to Horticulture firms in Pune and Mumbai during 26<sup>th</sup> to 28<sup>th</sup> November 2007 along with Honourable Minister for Agriculture, Agricultural Production Commissioner and Secretary to Government, Agricultural Department, Chennai and Commissioner, Horticulture and Plantation Crops, Chennai.

Attended the meeting convened by the Agricultural Production Commissioner on 5.12.2007 and State Planning Commission meeting at Chennai on 6.12.07

Participated in the XXI Meeting of ICAR Regional Committee meeting at Trivandram on 11<sup>th</sup> and 12<sup>th</sup> January 2008

Participated in the field visit Precision Farming Technologies in Vegetables at

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Pune on 6<sup>th</sup> March, 2008.

Attended the budget meeting of the Hon'ble Minister for Agriculture on 1<sup>st</sup> & 2<sup>nd</sup> March 2008 at Chennai

Participated in the meeting of Honorable Agricultural Minister to discuss the schemes for budget on 17.03.2008 at Chennai

Discussion with Managing Director, Rasi Seeds, Attur, Salem District on 18.03.2008

Attended the 11<sup>th</sup> Meeting of the Project Management Committee of the National Agricultural Innovation Project at New Delhi on 28.03.2008

project held at University of California, Davis during September 4-7, 2007. Discussions were held to establish an integrated mobile Lab (imlab) for incorporating experimental economics in a variety of applied economic research areas, including poverty and vulnerability, technology adoption, credit and insurance markets, food safety and quality, supply chain management, and natural resource management, among others.

Discussions were also held to setup a human resource unit at TNAU with assistance from UC Davis for training people from South East Asia

Visited Michigan State University (MSU), Michigan (10 & 11 September 2007) and Cornell University, Ithaca (12 - 14 September 2007) and held discussion with faculty on Dual degree programme and areas for collaborative research.

### III. Foreign Visit

Participated in the Culmination Conference of the ALO-TNAU/UCD

### DETAILS OF FOREIGN TRAININGS / CONFERENCES / MEETINGS / SYMPOSIUMS ETC., ATTENDED BY THE SCIENTISTS FROM 01.04.2007 TO 31.03.2008

Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
1.	Dr.A.Lakshmanan Associate Professor ENS, Coimbatore	To attend training on "Usage of Nannomembranes and Nano Composites in Waste Water Treatment" in California, USA	18.04.2007	21.05.2007
2.	Dr.S.Panneer Selvam Professor of Agronomy ADAC&RI, Trichy	To deliver a special lecture on Econ-friendly farming Techniques and Jatropa Nursery Management at Kuala Lumpur	26.04.2007	30.04.2007
3.	Dr.G.Karthikeyan Asst.Prof.(PI Pathology), Dept.of Millets Coimbatore	To undergo training on "Integrated Management of Thrips-Borne Tospoviruses in vegetable cropping systems" at Washington State University, Washington, USA	03.06.2007	03.06.2008





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Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
4.	Dr.C.Sekar Professor ( Agrl.Eco.) Post Harvest Technology Centre, Coimbatore	To present his research paper in 2007. Australia and New Zealand society for Ecological Economics Conference, Australia	03.07.2007	06.07.2007
5.	Dr.R.Santhi Professor(SS&AC) Dept.of SS&AC. Coimbatore	To present her research paper in 2007 International Conference on Biofuels at Putra World Trade Centre, Kulalampur, Malaysia	05.07.2007	06.07.2007
6.	Dr.M.P.Divya, Assoc.Professor(Forestry) FC&RI., Mettupalayam	To present her research paper in 2007 International Conference on Biofuels at Putra World Trade Centre, Kulalampur, Malaysia	05.07.2007	06.07.2007
7.	Dr.R.Natesan Professor(SS&AC) Dept.of SS&AC. Coimbatore	To present his research paper in the International Symposium on Organic Matter dynamics in Agro - Eco Systems at Poitiers, France	16.07.2007	19.07.2007
8.	Dr.P.Murugesu Boopathi Director, Planning and Monitoring, Coimbatore and on deputation as special PA to Hon'ble Minister for Agriculture, Govt.of Tamil Nadu, Chennai	To present his research paper in the International Symposium on Organic Matter dynamics in Agro - Eco Systems at Poitiers, France	16.07.2007	19.07.2007
9.	Dr.K.Uma Associate Professor ARM, Coimbatore	Training on creation of Mobile Laboratory for Market and Marketing decisions at UC Davis under ALO-India- UC Davis Project	04.08.2007	07.09.2007
10.	Dr.K.Venkatesa Palanisamy Associate Professor ARM, Coimbatore	Training on creation of Mobile Laboratory for Market and Marketing decisions at UC Davis under ALO-India- UC Davis Project	04.08.2007	07.09.2007
11.	Dr.S.Selvam Assistant Professor Dept.of Agrl. Economics Coimbatore	Training on creation of Mobile Laboratory for Market and Marketing decisions at UC Davis under ALO-India- UC Davis Project	04.08.2007	07.09.2007
12.	Dr.R.Chandra Babu Dean, SPGS. TNAU, Coimbatore	To participate in the Synergy- 2007 Workshop on "A Decade of Higher Education Collaboration in Development at Washington D.C., under USAID	08.08.2007	10.08.2007



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Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
13.	Dr. K.Ilamurugu Professor, Dept.of Agrl.Microbiology Coimbatore	To visit University of California, Davis and Cornell University College of Agricultural and Life Sciences, New York in connection with Culmination Conference under ALO-India-UC Davis on collaborative Project	04.09.2007	17.09.2007
14.	Dr. R.Venkatachalam Assistant Professor Dept.of Vegetable Crops Coimbatore	To visit University of California, Davis and Cornell University College of Agricultural and Life Sciences, New York in connection with Culmination Conference under ALO-India-UC Davis on collaborative Project	04.09.2007	17.09.2007
15.	Dr.K.Vanangamudi Dean, AC&RI. Coimbatore	To visit University of California, Davis, MSU, USA and Cornell University College of Agricultural and Life Sciences, New York in connection with Culmination Conference under ALO-India-UC Davis on collaborative Project	04.09.2007	17.09.2007
16.	Dr.K.Ramamoorthy Dean, AC&RI. Madurai	To visit University of California, Davis, MSU, USA and Cornell University College of Agricultural and Life Sciences, New York in connection with Culmination Conference under ALO-India-UC Davis on collaborative Project	04.09.2007	17.09.2007
17.	Dr.M.Thangaraju Director, Students' Welfare Coimbatore	To visit Michigan State University and Cornell University, USA and Nova Scotia Agrl. College, Canada in connection with, to take up follow up action to establish education and research collaboration	07.09.2007	20.09.2007
18.	Dr.B.Chandrasekaran Director of Research Coimbatore	To visit Michigan State University and Cornell University, USA and Nova Scotia Agrl.College, Canada in connection with, to take up follow up action to establish education and research collaboration	07.09.2007	20.09.2007



Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
19.	Dr.R.Chandra Babu Dean, SPGS. Coimbatore	To visit Cornell University, USA as a mentor along with INTAG team on operational aspects of MPS program	08.09.2007	21.09.2007
20.	Dr.V.Ponnuswami Professor (Hort) Dept.of Vegetable Crops HC&RI., Coimbatore	To present his research paper in the Symposium: Recent Advances in banana crop protection for sustainable production and improves livelihoods at South Africa	10.09.2007	14.09.2007
21.	Dr.N.Kumar Professor (Hort) Directorate of Agricultural Business Coimbatore	To participate and present his research paper in the International Society for Horticulture Science Symposium in South Africa	10.09.2007	14.09.2007
22.	Dr.P.Balasubramanian Director, CPMB. Coimbatore	To Participate in the 13th European Congress on Biotechnology in Barcelona, Spain	16.09.2007	19.09.2007
23.	Dr.B.Chandrasekaran Director of Research Coimbatore	To participate in the Tropical Legumes II Project Launching Meeting in Arusha, Tanzania	24.09.2007	29.09.2007
24.	Dr.K.Kumar Professor (Agrl.Micro) Dept.of Food & Agricultural Process Engineering Coimbatore	To visit Justus Liebig University, Germany under Indo-German Project to discuss the program of work planned for the project	24.09.2007	08.10.2007
25.	Dr.S.Suresh Professor(Agrl.Ento) Department of Rice Coimbatore	To participate and present his research paper in the XI International Symposium on Scale Insect Studies in Oeirass, Portugal	24.09.2007	27.09.2007
26.	Dr.K.Bhuvaheswari Assoc.Professor (Agrl.Ent) Post Harvest Technology Centre, Coimbatore	To participate in the 07-AG-10-GEM-B: Seminar on "Management of Agrochemical Residues in Food" under APC program at Taipei, Taiwan	01.10.2007	15.10.2007
27.	Dr.N.Ajjan Professor (Agrl. Eco.) Directorate of Research Coimbatore	To undertake the award of "Endeavor India Executive" as a visiting scholar at the University of Sydney, Australia	01.10.2007	31.01.2008

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Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
28.	Dr.P.Murugesu Boopathi Director, Planning and Monitoring, CBE on deputation as Spl.PA to Honble Minister for Agriculture, Chennai	To accompany the expert team consisting of the Hon'ble Minister for Agriculture, APC & Secretary, Commissioner of Sugar Cane to visit China, Japan and Thailand for assessing field performance of the Sugarcane Harvesters	02.10.2007	15.10.2007
29.	Dr.V.M.Duraisamy Professor and Head AMRC., Coimbatore	To accompany the expert team consisting of the Hon'ble Minister for Agriculture, APC & Secretary, Commissioner of Sugar Cane to visit China, Japan and Thailand for assessing field performance of the Sugarcane Harvesters	02.10.2007	15.10.2007
30.	Dr.M.Paramathma Professor and Nodal Officer Centre of Excellence in Biofuels, AEC&RI. Coimbatore	To participate and present his research paper in the Workshop cum brain storming meeting at Abu Dhabi, United Arab Emirates	21.10.2007	22.10.2007
31.	Dr.M.Murugan Assoc.Prof.(Agrl.Ento.) Dept.of PMB&B. Coimbatore	To attend the Pesticide and Food Safety Management Workshop at Amman, Jordan organized by USAID	21.11.2007	24.11.2007
32.	Dr.R.Chandra Babu Dean, SPGS. TNAU, Coimbatore	To present his research paper in the Symposium on "Genomics of Drought" also have discussion with the Pro-chancellor and Dean, University of Adelaide, Australia on Student Exchange Program	22.10.2007	24.10.2007
33.	Dr.N.Senthil Assistant Professor Dept.of PMB&B. Coimbatore	To participate in the International Symposium and conference on "Strategies for utilization of Plant Resources in Asian Countries" at Chunnun National University, South Korea	01.11.2007	02.11.2007
34.	Dr.G.Selvaraj Director of Open and Distance Learning Coimbatore	To participate in the Workshop on Global Open Food and Agrl. University Stakeholder Consultation for Program Implementation in Washington DC.,	01.11.2007	12.11.2007
35.	Dr.D.Sudhakar Professor PMB&B, Coimbatore	To participate in the Harvest Plus Rice Crop Team / Biofortification Meeting in Thailand	03.11. 2007	05.11.2007



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Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
36.	Dr.T.Jayaraj, Professor and Head, Soil & Water Management Research Institute Thanjavur	To participate and present research papers in the 2nd International Conference on Rice for the Future at Bangkok, Thailand	05.11.2007	09.11.2007
37.	Dr.G.Ravi Associate Professor TRRI., Aduthurai	To act a Resource Person in the training on Pest Control an IPM in Rice at Timor Leste (East Timor)	05.11.2007	15.11.2007
38.	Dr.S.Jayarajan Nelson Professor Department of Plant Protection, AC&RI., Killikulam	To participate and present research paper in the Queen Sirikit National Convention Center, Bangkok, Thailand	05.11.2007	15.11.2007
39.	Dr.R.Rabindran Professor Department of Rice Coimbatore	To participate and present research paper in the 2nd International Conference in Bangkok, Thailand	05.11.2007	09.11.2007
40.	Dr.S.Robin Professor Department of Rice Coimbatore	To participate in the Workshop "Product management and delivery in GCP Rice research in Asia" at Bangkok, Thailand	06.11.2007	09.11.2007
41.	Dr.V.Saravanakumar Assistant Professor Directorate of Agri Business Development Coimbatore	To participate and present his research paper in the 19th Annual Conference of PGIA at the University of Peradeniya, Sri Lanka	14.11.2007	17.11.2007
42.	Dr.M.Anjugam Associate Professor Department of Agrl.Economics, Coimbatore	To participate and present research paper in the 19th Annual Congress at Peradeniya, Sri Lanka	14.11.2007	16.11.2007
43.	Dr.K.Rajamani Professor and Head Dept.of spices & Plantation Crops, Coimbatore	To participate and present research paper in the 3rd Global Summit on Medicinal & Aromatic Plants at Chiang Mai University, Thailand	21.11.2007	24.11.2007
44.	Dr.P.Parasuraman Associate Professor RRS., Paiyur	To participate and present research paper in the International Forestry and Environment Symposium 2007 at Sri Lanka	30.11.2007	01.12.2007
45.	Dr.K.S.Vijayabaskaran Associate Professor RRS., Paiyur	To participate and present research paper in the International Forestry and Environment Symposium 2007 at Sri Lanka	30.11.2007	01.12.2007
46.	Dr.K.Geetha Associate Professor RRS., Paiyur	To participate and present research paper in the International Forestry and Environment Symposium 2007 at Sri Lanka	30.11.2007	01.12.2007



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Sl. No.	Name of the Scientist	Country visited	Period	
			From	To
47.	Dr.P.Santhana Krishnan Registrar, TNAU Coimbatore	To visit Chungbuk National University, Republic Korea in connection with Collaborative Projects in Agriculture and allied subjects between TNAU and Chungbuk National University, Korea	03.01.2008	09.01.2008
48.	Dr.Karnam Lokanadhan Professor and Head Department of Agrl.and Rural Management Coimbatore	To Field visit to Bangkok, Thailand to accompany the TNAU and Cornell University Students under INTAG programme	13.01.2008	22.01.2008
49.	Dr.K.Palanisami Director, CARDS., TNAU Coimbatore	To visit Waseda university, Tokyo, Japan to discuss on the project 'Role of Institution in Agricultural and Rural Areas"	14.01.2008	23.01.2008
50.	Dr.D.Suresh Kumar Associate Professor Department of Agrl.Economics, Coimbatore	To participate in the GDN's Ninth Annual global Development Conference at Brisbane, Australia	29.01.2008	31.01.2008
51.	Dr.C.Karthikeyan Associate Professor Department of Agrl. and Rural Management Coimbatore	To participate in the Training Workshop on "Development of Reusable Learning Objects" at the University of Florida, Gainesville	03.02.2008	24.02.2008
52.	Dr.R.Jegannathan Professor and Head Dept.of ACRC., Coimbatore	To participate in the Workshop to discuss on the research plan on "Climate and Crop Disease Risk Management" at Dhaka Bangladesh	11.02.2008	14.02.2008





**DETAILS OF POST DOCTORAL FELLOWSHIP UNDERGONE BY THE  
SCIENTISTS FROM 01.04.2007 TO 31.03.2008**



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Sl. No.	Name of the Scientist	Country visited	Period
1.	Dr.T.Chitdeshwari Assoc.Professor(SS&AC) ARS., Bhavanisagar	Visiting Research Fellow to undertake project on “Environmentally sound technologies for management of minerals processing residues” in Murdoch University, Australia	Eight months from 21.05.2007
2.	Dr.M.Senthilkumar Assistant Professor (Agrl.Micro),Dept.of Fruit Crops HC&RI., Periyakulam	PDF on “Functional genomics of bacteriophages infecting plant pathogenic bacterium Ralstonia solanacearum” at Dong-A University, Korea	One Year from July, 2007 on Duty, Second year from July, 2008 on eligible Leave
3.	Dr.E.Kokila Devi Assistant Professor (Biotechnology) Dept. of PMB&B. Coimbatore	Biotechnology Overseas Associateship to undergo research on “Identification of novel genes for resistance to necrotrophic fungal pathogens of crop plants” at Florida Agrl. and Mechanical University, Florida	One Year from 10.10.2007- on duty
4.	Dr.M.Rizwana Banu Assistant Professor(PB&G) ARS., Bhavanisagar	To undertake Post Doctoral Scholarship of the Embassy of France in India and research in Dijon, France	Six months from September, 2007 on EOL on loss of Pay And further period of Six months from March, 2008 on EOL on loss of Pay
5.	Dr.V.Gomathi Associate Professor Dept.of Agrl.Microbiology Coimbatore	To undergo training on Techniques of Molecular Systems and Genetics at Duke Medical University Centre in Durham, NC, USA	Six Months from 10.09.2007 to 09.03.2008 - on duty
6.	Dr.N.Ajjan Professor Directorate of Research Coimbatore	To undertake the award of “Endeavor India Executive” as a visiting scholar at the University of Sydney, Australia	From 01.11.2007 to 29.02.2008 - On duty





### 3. EDUCATION

#### 3.1. POST GRADUATE EDUCATION

##### A. Students' enrollment

##### 1. Masters programme

Sl. No.	Campus	Department	No. of Candidates Passed out	Total No. of students enrolled	No. of students enrolled under self Supporting programme	
I.	AC&RI, Coimbatore	<b>i. Agriculture</b>				
		Agrl. Economics	7	13	1	
		Agrl. Entomology	9	14	4	
		Agrl. Extension	5	8	1	
		Agrl. Meteorology	2	3	-	
		Agrl. Microbiology	8	12	3	
		Agronomy	10	16	1	
		Biotechnology	25	29	14	
		MBA	26	54	44	
		Crop Physiology	3	4	1	
		Envi. Sciences	10	10	1	
		Plant Breeding & Genetics	11	16	4	
		Plant Nematology	3	1	-	
		Plant Pathology	13	9	1	
		Seed Science & Technology	6	10	3	
		Soil Science & Agrl. Chemistry	5	8	1	
		Biochemical Technology	3	-	-	
		Bioinformatics	4	-	-	
		Microbial Technology	10	-	-	
		Sericulture	3	5	-	
		<b>Total</b>		<b>163</b>	<b>212</b>	<b>79</b>
		<b>Horticulture</b>				
		1. Floriculture & Medicinal Crops	10	12	2	





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		2. Spices & Plantation Crops	7	9	1
		3. Vegetable Science	4	8	-
		<b>Total</b>	<b>21</b>	<b>29</b>	<b>3</b>
		<b>Agri. Engineering</b>			
		1. Bio Energy	-	1	-
		2. Farm Power & Machinery	4	2	-
		3. Agri. Processing	12	9	-
		4. Soil & Water Conservation	3	2	-
		<b>Total</b>	<b>19</b>	<b>14</b>	<b>-</b>
II.	AC&RI, Madurai	<b>Agriculture</b>			
		Agri. Economics	3	4	-
		Agri. Entomology	3	5	1
		Agri. Extension	3	4	-
		Agri. Microbiology	4	6	1
		Agronomy	3	6	-
		Plant Breeding & Genetics	5	5	-
		Soil Science &			
		Agri. Chemistry	4	6	-
		Plant Pathology	-	5	1
				<b>Total</b>	<b>25</b>
III.	HSC & RI, Madurai	Food Science & Nutrition	5	1	-
IV	FC&RI, Mettupalayam	Forestry	11	10	1
V		PG diploma	2	5	5
VI	HC&RI, Periyakulam	Fruit Science	3	7	1
		<b>GRAND TOTAL</b>	<b>254</b>	<b>316</b>	<b>91</b>

## 2. Doctoral programme

Sl.No.	Campus	Department	No. of Candidates Passed out	Total no. of Students enrolled	No. of students enrolled under self Supporting programme
I.	AC & RI COIMBATORE	<b>i. Agriculture</b>			
		1. Agri. Economics	4	5	-



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		2. Agrl. Entomology	6	4	-
		3. Agrl. Extension	2	4	-
		4. Agrl. Microbiology	4	4	-
		5. Agronomy	5	4	-
		6. Biotechnology	4	7	-
		7. Crop Physiology	-	1	-
		8. Envi. Sciences	3	4	-
		9. Plant Breeding & Genetics	8	7	-
		10. Plant Nematology	2	2	-
		11. Plant Pathology	5	3	-
		12. Seed Science & Technology	3	2	-
		13. Soil Science & Agrl. Chemistry	3	2	-
		<b>Total</b>	<b>49</b>	<b>49</b>	
		<b>Horticulture</b>			
		1. Floriculture & Medicinal Crops	2	1	-
		2. Fruit Science	1	2	-
		3. Spices & Plantation Crops	1	1	-
		4. Vegetable Science	2	3	-
		<b>Total</b>	<b>9</b>	<b>7</b>	
		<b>Agrl. Engineering</b>			
		1. Bio Energy	-	1	-
		2. Farm Power & Machinery	2	4	-
		3. Agrl. Processing	2	3	-
		4. Soil & Water Conservation	2	5	-
		<b>Total</b>	<b>6</b>	<b>13</b>	
<b>II.</b>	<b>AC&amp;RI, Madurai</b>	<b>Agriculture</b>			
		1. Agrl. Economics	2	1	-
		2. Agrl. Entomology	1	1	-
		3. Agrl. Microbiology	-	-	-
		4. Agronomy	2	1	-
		5. Plant Breeding & Genetics	2	1	-



		6. Plant Pathology	2	1	-
		7. Soil Science & Agrl. Chemistry	-	1	-
		8. Vegetable Science	-	1	-
		<b>Horticulture</b>	<b>9</b>	<b>8</b>	<b>-</b>
		<b>Total</b>	<b>18</b>	<b>15</b>	
III.	<b>HSC &amp; RI, Madurai</b>	Food Science & Nutrition	3	4	-
IV	<b>FC&amp;RI, Mettupalayam</b>	Forestry	3	3	-
		<b>GRAND TOTAL</b>	<b>88</b>	<b>91</b>	<b>-</b>

### 3. PG Diploma programme

Sl. No.	Campus	Department Passed out	No. of Candidates Students	Total No. of self Supporting enrolled	No. of students enrolled under programme
I.	<b>AC&amp;RI, Coimbatore</b>	Agrl. Economics	2	5	5

### 4. Details of Foreign students admitted for Doctoral programme

Sl. No.	Department	Country	No. of students admitted
1.	Farm Power and Machinery	Iran	1
2.	Soil Science	Egypt	1
<b>Total</b>			<b>2</b>

### 5. Student exchange program Global immersion programs

- Tamil Nadu Agricultural University has a long standing collaboration with many Universities in USA for students and faculty exchange.
- Cornell University, USA
- Michigan State University, USA
- Virginia Polytechnic and State University, USA
- Ohio State University, USA
- Florida International University, USA

- University of Missouri, USA
- Kansas State University, USA

#### TNAU students undertake research also in: a. International Institutes

- University of Adelaide, Australia
- University of South Australia, Adelaide
- Universita Politecnica delle Marche, Italy
- University de monterry, Mexico
- Ciba University, Japan
- McGill University, Canada
- Durban University of Technology, South Africa



- International Rice Research Institute, Philippines
- Hebrew University of Jerusalem, Israel
- Volcani Center, Israel
- University of Reeding, UK
- University of Western Cape, South Africa

#### b. National institutes:

- Defence Research Laboratory, New Delhi
- National Remote Sensing Agency, Hyderabad
- Indian Institute of Spices Research, Calicut,
- Indian Institute of Horticultural Research Bangalore
- ICAR Research Complex, Goa
- Assam Agrl. University, Jorhat
- National Research Centre for Oil Palm, Andhra Pradesh
- National Research Center for Mushroom, Solan
- University of Agricultural Sciences, Dharwad
- Central Institute for Arid Horticulture, Bikaner

#### c. Private R&D Institutions

- Jain Hi Tech Agricultural Institute, Jalgaon
- Barwale Foundation, Hyderabad
- Mahyco Research Foundation, Hyderabad
- Metahelix, Bangalore
- John Deere, Pune
- Rockefeller Foundation, Bangkok, Thailand

#### 6. FACULTY DEVELOPMENT TRAINING

Five faculties from TNAU (listed) were provided with post doctoral fellowships to work on renewable energy, soil and water conservation, microbial biotechnology in Durban University of Technology and University of Kwazulu Natal.

1. Dr. K. Thangaraj, Asst. Prof. (PB&G), Dept. of PB&G, AC&RI, Madurai
2. Dr. M. P. Sugumaran, Asst. Prof. (Env.Sci.), HRS, Yercaud
3. Dr. R. Radhajeyalakshmi, Asst. Prof. (Pl. Patho.), CRS, Aliyarnagar
4. Dr. D. Ladhakshmi, SRF, Dept. of Plant Pathology, TNAU, Coimbatore-3
5. Dr. S. Mathiyazhagan, Research Associate (Pl. Pathology), TNAU, CBE-3

#### 7. Special lectures

	Lecture title		Delivered by
1. Public lecture	Does India need transgenic crops	12.04.07	Dr. K. K. Narayanan Managing Director Metahelix Life Sciences and President ABLE
2. Special lecture	Seed borne pathogens : Diversity and pathogenicity	24.04.07	Dr. Shekar Shetty Professor University of Mysore
3. Special lecture	Education for an information age teaching in computerized class room	09.05.07	Dr. Bernard John Poole Assoc. Professor of Education and Instructional Technology , University of Pittsburgh, USA
4. Dr. G. Rangaswami Endowment lecture	Voyages of discovery xanthomonas albilineasns causal agent for sugarcane leaf sealed diseases	24.03.08	Dr. Gansen Pillai, Durban University of Technology, Durban, South Africa



## 8. OTHER HIGHLIGHTS

- Seven foreign students are undergoing PG studies in TNAU.
- PG students were permitted to visit Nagpur, Pune, Jalgaon, Nasik, Chennai and Shillong for practical classes/workshop and also to various institutes/research stations within the State.
- Students presented papers in conferences in Brisbane, Australia and South Korea.
- Twenty nine Junior/Senior student research fellowships were given to PG students in research schemes.
- Mr. Amsalu Debebe Ph.D. student did his topical research in the University of Gondar, Ethiopia.
- MoU was signed between TNAU and the University of Adelaide, Australia on 16.5.2007 to establish a framework for research collaboration in Agricultural Science, exchange of students and staff, participation in seminars and academic meetings, joint quality assurance and bench marking. Based on the MoU TNAU scientists will propose research projects for funding / mutual collaboration.
- Seven post graduate students from TNAU underwent international agriculture and rural development course offered by Cornell University, USA. The students went to Cornell University, USA, attended classes along with the students from Cornell University, three other state agriculture universities in India and four Universities from Thailand. They were exposed to advance laboratories, experimental fields, farms and processing industries in Ithaca, USA. During Jan. 08 students

from Cornell University and Thailand and other state agriculture universities visited TNAU and attended lectures given by TNAU faculty. Students visited several industries, farms and self help groups in Tamil Nadu in southern States and also visited orchards, farmers' markets and laboratories in Thailand.

- TNAU has a long standing collaboration with Cornell University, USA in research and faculty and student exchange. In order to further strengthen the academic and research collaboration with this world's premier institute, TNAU extended the Memorandum of Understanding with Cornell University for further period of five years during Feb. 08. The competency of the faculty of TNAU and the infrastructure facilities in TNAU and the performance of the TNAU students through INTAG programme facilitated starting of dual degree program at masters level with Cornell University. An MoU has been signed in order to facilitate dual degree programs between TNAU and Cornell University in areas of mutual benefit and the MoU was signed during Feb. 08. Initial program, MPS in Food Science and Technology (Cornell University) and M.Tech Food Processing and Marketing (TNAU) is to be offered from the ensuing academic year. Faculty from Cornell University discussed curriculum development for dual degree in biotechnology.
- Five TNAU faculties were selected for post doctoral fellowship for doing research in frontier areas in Durban University of Technology and University of Kwazulu Natal, Durban, South Africa. program at masters level with Cornell University. of Kwazulu Natal, Durban, South Africa.

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## 3.2. UNDER GRADUATE EDUCATION

### TAMILNADU AGRICULTURAL UNIVERSITY, COIMBATORE

#### 1. Students' admission - Degreewise

Sl. No.	Degree	Self supporting		General		Total	
		Boys	Girls	Boys	Girls	Boys	Girls
1.	B.Sc. (Agriculture)	-	-	159	175	159	175
2.	B.Sc. (Horticulture)	-	--	30	31	30	31
3.	B.Sc. (Forestry)	-	-	24	9	24	9
4.	B.Tech. (Agrl. Engineering)	-	-	26	27	26	27
5.	B.Sc. (Home Science)	-	-	12	15	12	15
6.	B.Tech. (Agrl. Biotechnology)	9	24	-	-	9	24
7.	B.Tech. (Horticulture)	6	20	-	-	6	20
8.	B.Tech. (Bioinformatics)	12	23	-	-	12	23
9.	B.Tech.(FPE)	12	17	-	-	12	17
10.	B.Tech.(EEE)	12	15	-	-	12	15
11.	B.Tech. (AIT)	10	12	-	-	10	12
12.	B.S. (ABM)	15	13	-	-	15	13

#### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	General (OC)	16	21	37	3	18	21	19	39	58
2.	BC	82	96	178	40	67	107	122	163	285
3.	MBC	54	54	108	20	25	45	74	79	153
4.	SC	95	84	179	13	14	27	108	98	206
5.	ST	4	2	6	-	-	-	4	2	6
<b>Total</b>		<b>251</b>	<b>257</b>	<b>508</b>	<b>76</b>	<b>124</b>	<b>200</b>	<b>327</b>	<b>381</b>	<b>708</b>

#### Campus wise admission - B.Sc. (Agriculture)

Sl.No.	Campus	Total	
		Boys	Girls
1.	Coimbatore	43	33
2.	Madurai	42	51
3.	Trichy	41	35
4.	Killikulam	44	48

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### B.Sc. (Horticulture)

Sl.No.	Campus	Total	
		Boys	Girls
1.	Periyakulam	31	30

### B.Sc. (Forestry)

Sl.No.	Campus	Total	
		Boys	Girls
1.	Mettupalayam	25	9

### B.Tech. (Agrl. Engg.)

Sl.No.	Campus	Total	
		Boys	Girls
1.	Kumalur	26	27

### B.Sc. (Home Science)

Sl.No.	Campus	Total	
		Boys	Girls
1.	Madurai	11	15

### B.Tech. (Agrl. Biotech.)

Sl.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	9	24	9	24

### B.Tech. (Horticulture)

Sl.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	6	20	6	20

### B.Tech. (Bioinformatics)

Sl.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	12	23	12	23

### B.Tech.(FPE)

Sl.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	12	15	12	15



**B.Tech.(EEE)**

SI.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	12	17	12	17

**B.Tech.(AIT)**

SI.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	10	12	10	12

**B.Tech.(ABM)**

SI.No.	Campus	Self Supporting		Total	
		Boys	Girls	Boys	Girls
1.	Coimbatore	15	13	15	13

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## AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, COIMBATORE

### 1. Students' admission, degreewise

Sl. No.	Degree	Self supporting		General		Total	
		Boys	Girls	Boys	Girls	Boys	Girls
1.	B.Sc. (Agriculture)	-	-	43	33	43	33
2.	B.Tech. (Agrl. Biotechnology)	9	24	-	-	9	24
3.	B.Tech. (Bioinformatics)	12	23	-	-	12	23
4.	B.Tech. (AIT)	10	12	-	-	10	12
5.	B.S. (ABM)	15	13	-	-	15	13
	<b>TOTAL</b>					<b>89</b>	<b>105</b>

### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	General (OC)	1	0	1	-	-	-	1	0	1
2.	BC	24	10	34	-	-	-	24	10	34
3.	MBC	6	12	18	-	-	-	6	12	18
4.	SC	3	7	10	-	-	-	3	7	10
5.	ICAR	5	4	9	-	-	-	5	4	9
6.	Others	4	0	4	-	-	-	4	0	4
	<b>Total</b>	<b>43</b>	<b>33</b>	<b>76</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>43</b>	<b>33</b>	<b>76</b>

### 3. Students' strength B.Sc. (Agriculture)

Sl.No.	Years	Number of students		
		Boys	Girls	Total
1.	I Year	43	33	76
2.	II Year	49	35	84
3.	III Year	50	45	95
4.	IV Year	55	29	84
	<b>Total</b>	<b>197</b>	<b>142</b>	<b>339</b>



### B.Tech.(Agrl. Biotech.)

Sl.No.	Years	Number of students		
		Boys	Girls	Total
1.	I Year	9	24	33
2.	II Year	32	23	55
3.	III Year	14	20	34
4.	IV Year	12	24	36
	<b>Total</b>	<b>67</b>	<b>91</b>	<b>158</b>

### B.Tech.(Bioinformatics)

Sl.No.	Years	Number of students		
		Boys	Girls	Total
1.	I Year	12	23	35
2.	II Year	15	18	33
	<b>Total</b>	<b>27</b>	<b>41</b>	<b>68</b>

### B.Tech.(Agricultural Information Technology)

Sl.No.	Years	Number of students		
		Boys	Girls	Total
1.	I Year	10	12	22
	<b>Total</b>	<b>10</b>	<b>12</b>	<b>22</b>

### B.S.(Agribusiness Management)

Sl.No.	Years	Number of students		
		Boys	Girls	Total
1.	I Year	15	13	28
	<b>Total</b>	<b>15</b>	<b>13</b>	<b>28</b>

#### 4. Details of scholarships availed by students

S.No.	Particulars	Year	No. of students availed	Scholarship amount (Rs.)
1.	SC / ST	2007-2008	21	215610
2.	CM Award	2007-2008	5	7500
3.	ST	2007-2008	1	1920
4.	Dt. Adi Dravida	2007-2008	1	6500
5.	GOI Adi Dravida	2007-2008	3	15000
6.	MBC I Graduate	2007-2008	155	931165
7.	GOI Scholarship	2007-2008	2	7420
8.	Kokilavani, Gayathri, hemalatha Endowment Scholarship	2007-2008	4	24000

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9.	Periyar Endowment	2007-2008	6	30000
10.	SC Renewal scholarship	2007-2008	47	222650
11.	GOI SC scholarship	2007-2008	1	1960
12.	SC / ST Loan	2007-2008	20	68475
13.	SC / ST Renewal Scholarship	2007-2008	160	657890

### 5. Successful Candidates in ICAR- JRF competitive examination

Sl.No.	Subject	Number of students		
		Fellowship	Placement	Total
1.	Agricultural Entomology	1	-	1
2.	JNU scholarship	2	-	2

### 6. Education related Awards and Prizes

Sl.No.	Name of the award	Year	Number of students
1.	Best Project Proposal and presentation in State level competition conducted by CII	2007	M. Anamika
2.	Best NSS Volunteer	2007	S. Hariharasudhan Shabeera sultana

### 7. Study Tour

S.No	Name of Tour	Period	Places visited	Number of Students
1.	Agri Study tour	22.09.08 to 13.10.08	ICRISAT, CRIDA, MANAGE and NIRD, Hyderabad, ESAGU, IIM Ahamedabad. NDDDB, IRMA, PAU, Ludhiana Gurgaon Industrial Area, IARI, New Delhi, GB Pant Agrl. University, Pantnagar. Nainital.	93

### 8. Sports / Games and Prize winners

S.No	Name of the Medal	Organizer	Place and Date	Winners
1.	Runner up in Athletics	ICAR	PAU, Ludhiana 23 to 25.02.07	II Place
2.	Overall runner up in Games	ICAR	PAU, Ludhiana 23 to 25.02.07	II Place

### 9. Students' Functions

S.No	Date	Name of the Function
1.	11.09.07	Sangamithra'07
2.	26.02.08 & 27.02.08	Muthamilvizha'08



1. Students' admission - Degree wise

Sl. No.	Name of the course	Admission Details								
		General			Self Finance Scheme			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Sc.(Ag.)	42	51	93	-	-	-	42	51	93

2. Students' admission - quota wise

Sl. No.	Category	General			Self Finance Scheme			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	General	01	02	03	-	-	-	01	02	03
2	BC	11	22	33	-	-	-	11	22	33
3	MBC	11	07	18	-	-	-	11	07	18
4	ST	-	-	-	-	-	-	-	-	-
5	SC	14	19	33	-	-	-	14	19	33
6	ICAR	05	01	06	-	-	-	05	01	06
7	Others									
<b>TOTAL</b>		<b>42</b>	<b>51</b>	<b>93</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>42</b>	<b>51</b>	<b>93</b>

3. Students' strength

S.No.	Years	No. of students Studying		
		Boys	Girls	Total
1.	I Year	42	51	93
2.	II Year	41	53	94
3.	III Year	55	41	96
4.	IV Year	43	47	90
<b>TOTAL</b>		<b>181</b>	<b>192</b>	<b>373</b>

4. Details of Scholarship availed by the students

S. No.	Name of the Scholarship	No. of the students benefited	Amount of Scholarship Rs.
1.	Adi-Dravidar Welfare Scholarship	111	12,73,320
2.	Adi-Dravidar Special Higher Education Scholarship	81	5,67,000

3.	BC and MBC Scholarship	183	8,15,812
4.	Chief Minister Award	7	10,500
5.	National Merit Scholarship	2	6,620
6.	TNAU Merit Scholarship	12	30,000
7.	Chikkammal Kamala Endowment Scholarship	2	13,000
8.	Tamil Nadu Farmers Security Scholarship	1	4,250
9.	Karnataka State Govt. SC/ST Scholarship	1	19,150
10.	DST Fellowship	4	20,000
11.	UGC Rajiv Gandhi National Fellowship	2	3,24,000
12.	ICAR National Talent Fellowship	19	1,85,900

### 5. ICAR JRF Successful candidates

Sl.No.	Subject	Number of students		
		Fellowship	Placement	Total
1.	Plant Sciences	1	-	1
2.	Social Sciences	1	-	1

### 6. Awards / Medals / Prizes received by students

S.No.	Name of the prize / Medal	Name of the student
1.	Pioneer Endowment Prize	SATYA RANJAN PATRA
2.	John Plough Works, Melur Prize	J. BHUVANESWARY
3.	MASU Prize	R. RAJAPRIYAA
4.	Prof. K. R. Nagarajan Prize	R. RAJAPRIYAA
5.	W.P.A.R. Nagarajan Award	P. GAYATHRI
6.	M. S. N. Pandia Nadar Award	LAKSHMI PRIYA
7.	IAU Endowment Award	V. VISHA KUMARI
8.	Dr. K. Sivaprakasam Endowment Award	M. LOGAPRIYAN
9.	Jaideep Kumar Janarthan Memorial Prize	J. BESLIN JOSHI
10.	MACOSA 81 Award	VISHA KUMARI
11.	Dr. P. Rangasamy Gold Medal	R. RAJAPRIYAA
12.	G. Gopalakrishnan Award	M. LILLY
13.	Teaching Staff of Agricultural College, Madurai Award	SOUNDARALINGAM
14.	Students of Agricultural Entomology Madurai Award	M. RATHIKA
15.	PGP Group Companies (Madras) Award	M. LILLY
16.	Dr. V. Genugusamy Award	M. Dharani
17.	Thiru. Sivasailam Award	N. SANTHI



18	Prof. T. Balakrishnan Prize for M.Sc.(Ag.) SS & AC	V. Kousalya
19	Staff and students of Agricultural Botany, Madurai Award	N. AANANTHI
20	Dr. P. C. Sundarababu Prize (College Prize AC & RI, Madurai)	K. PREMALATHA
21	Prof. T. Balakrishnan Prize for Ph.D. in SS & AC	V. DHANUSKODI

## 7. Study tour

S.No.	Nature of Tour	Period	Place visited	No. of students
1.	Education Tour Phase I (Southern States)	10.09.07 to 18.09.07	*	90
2.	Education Tour Phase II (Northern States)	23.09.07 to 10.10.07	**	90

### \* Southern states

CTCRI, Thiruvananthapuram, Tropical Botanical Garden, GKVK Campus, SAFEL Market and Center for Biological Control, Bangalore; IIHR, Lal Baugh Garden, Brindavan Garden, CFTRI and NDRI, Mysore.

### \*\* Northern states

JK Seeds Ltd., ICRISAT, MANAGE, CRIDA and

APAU, Hyderabad ; NBPGR, Flower Market at Cannaught Place, IARI and Science Museum, Delhi ; National Institute of Agricultural Marketing, Jaipur ; Indian Institute of Remote Sensing, Dehradun ; ICFR, Apple Value Addition Industries, Simla ; Horticultural University Sholan ; Rock Garden and Rose Garden, Chandigarh

## 8. Campus interview and placement

S.No	Name of Agencies	Number of Students
1.	Dhan Foundation, Madurai	22
2.	Rasi Seeds (P) Ltd., Attur	14
3.	New Life Placements, Trichy	26
4.	Lakshmi Vilas Bank	5
5.	State Bank of India	3
6.	EID Parry, Coimbatore	1
7.	PESTEC	4
8.	TRINETHRA	9
9.	Mahasemum Trust	5

## 9. Sports / Games and Prize won

S. No.	Name of the Medal	Organizer	Place and date	Winners	Rank
1.	All India High Jump	Dhayan Chand Birth Day	29.08.07	S. Kalanithi	I Place
2.	All India 100 & 400 Mtr.	”	”	K. Manikandan	II Place
3.	All India 100 & 400 Mtr	”	”	S. Sumathi	II Place
4.	All India Volley Ball	”	”	P. Sivakumar R. Karthick Raja S. Kiran Kumar E. Sathish Kumar	Runner
5.	Inter College Tournament	ADAC & RI, Trichy	22.03.08 to 27.03.08	Volley Ball - Men Ball Badminton Women Kho-Kho Women Hockey Men Chess Men	Winner Winner Runner Runner Runner

## 10. Students' functions

S.No	Date of Function	Name of the Function
1.	13.04.07	42 <sup>nd</sup> College day and Club Day
2.	22.08.07	Orientation Day
3.	12.10.07	Arangetravelai
4.	25.01.08	Tamil Ilakkia Mandram Bharathiyar Vizha
5.	11.02.08 & 12.02.08	Talentia 2008
6.	16.04.08	42 <sup>nd</sup> Annual Sports Meet
7.	23.04.08	Muthamizh Vizha





## AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, KILLIKULAM



### 1. Students' admission - degree wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Sc.(Ag.) 2007-08	44	48	92	-	-	-	44	48	92

### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	General	-	1	1	-	-	-	-	1	1
2	Backward Class	9	16	25	-	-	-	9	16	25
3	Most Backward Class	10	10	20	-	-	-	10	10	20
4	Scheduled Tribes	-	-	-	-	-	-	-	-	-
5	Scheduled Caste	23	17	40	-	-	-	23	17	40
6	ICAR	2	4	6	-	-	-	2	4	6
7	OTHERS	-	-	-	-	-	-	-	-	-
	<b>TOTAL</b>	<b>44</b>	<b>48</b>	<b>92</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>44</b>	<b>48</b>	<b>92</b>

### 3. Students' strength

S.No.	Years	Students Strength		
		Boys	Girls	Total
1	I YEAR	44	48	92
2	II YEAR	40	42	82
3	III YEAR	39	49	88
4	IV YEAR	43	29	72
	<b>Total</b>	<b>166</b>	<b>168</b>	<b>334</b>

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#### 4. Scholarship availed by students

S.No.	Particulars	Number of students	Scholarship Amount (Rs.)
1	BC/MBC/DNC Scholarship	102	5,10,480
2	SC / ST / GOI Post metric	82	9,05,100
3	Higher Edn.Spl. Scholarship	60	4,20,000
4	Chief Minister Award	9	13,500
5	ICAR National Talent Scholarship	11	1,10,000
6	Tamil Nadu Teacher's Welfare Award scholarship	02	10,000
	<b>Total</b>	<b>266</b>	<b>19,69,080</b>

#### 5. ICAR - JRF -Successful candidates

S. No.	Subject	Successful Candidates Number		
		Fellowship	Placement	Total
1.	Agri.Entomology	1	6	7
2.	Plant Science	-	11	11
3.	Horticulture	-	4	4
4.	Agri.Economics	-	2	2
5.	Biotechnology	-	2	2
6.	Agronomy	-	3	3

#### 6. Awards / Medals / Prizes received by students

S. No	Details of Awards and Prizes	Year	Winners Name
1.	Marimuthu Memorial Medals	2003-04	B. Karthikayini
2.	Pioneer Batch Medal	2003-04	B. Karthikayini
3.	Ilangovan Endowment Award	2003-04	P. Harishankar
4.	Killikulam Scientist Endowment Medals	2003-04	B. Karthikayini
5.	The Fact Medal	2003-04	S. Semmalar
6.	Pon Essakiapillai Gomathiammal Gold Medal	2004-05	C. Visalakshi Chandra
7.	C. Balasubramaniam Medal	2004-05	C. Visalakshi Chandra
8.	The Royal Killies Medal	2005-06	Smitali Mishra
9.	The Smart Killies Medal	2006-07	Priyanka Kanwar
10.	Charms Endowment	2003-04	B. Karthikayini
11.	Killikulam Agronomist Medal	2003-04	P. Harishankar
12.	Roopavathi Memorial Award	2005-06	Smitali Mishra



## 7. Study tour

S. No.	Nature of Tour	Period	Places Visited	Number of students
1.	Educational Tour	13.06.07 -21.06.07	Madurai, Priyaulam, Trichy, Coimbatore, Mettupalayam	87
2.	All India Educational Tour	23.09-07-11.10.07	ICRISAT, HYD, IARI, New Delhi & CPRI, Simla	72

## 8. Campus interview and placement

S. No.	Name of the Agencies	No of Students Selected
1.	DHAN foundation	23
2.	Dharani Sugars	9
3.	Mahasemam Trust	22

## 9. Sports / Games and Prize won

S. No.	Name of the Medal	Organizer	Place and Date	Rank
1.	Rolling Trophy for Kho-kho	TNAU	ADAC & RI, Trichy 22.3.08	I
2.	Rolling Trophy for Cricket	TNAU	ADAC & RI, Trichy 22.3.08	II

## 10. Students' functions

S.No	Date of Function	Name of the Function
1.	14.04.07	Hostel Day
2.	17.04.07	Farewell Day
3.	26.07.07	Students Club Inauguration
4.	10.08.07	Orientation Day
5.	20.08.07	Inauguration of Dramatic Society
6.	01.02.08	Muthamil Vizha
7.	03.03.08	Sports day





## ANBIL DHARMALINGAM AGRICULTURAL COLLEGE AND RESEARCH INSTITUTE, TRICHY

### 1. Students' admission - degree wise

Sl. No.	Category	Admission Details								
		General			SelfSupporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Sc.(Ag.)	41	35	76	-	-	-	41	35	76

### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	General	-	1	1	-	-	-	-	1	1
2.	BC	17	12	29	-	-	-	17	12	29
3.	MBC	9	11	20	-	-	-	9	11	20
4.	ST	1	-	1	-	-	-	1	-	1
5.	SC	12	11	23	-	-	-	12	11	23
6.	ICAR	2	-	2	-	-	-	2	-	2
7.	Others	-	-		-	-	-	-	-	-
<b>Total</b>		<b>41</b>	<b>35</b>	<b>76</b>		<b>-</b>	<b>-</b>	<b>41</b>	<b>35</b>	<b>76</b>

### 3. Students' strength

S.No.	Years	students Studied		
		Boys	Girls	Total
1	I Year	41	35	76
2	II Year	28	32	60
3	III Year	32	40	72
4	IV Year	37	27	64
<b>Total</b>		<b>138</b>	<b>134</b>	<b>272</b>



#### 4. Scholarship availed by Students

S.No.	Particulars	No. of Students availed	Scholarship Amount (Rs.)
1.	ICAR-NTS- 2005-06	5	30,000
2.	GOI-Scholarship	1	5,000
3.	National Merit Scholarship	1	3,420
4.	BC I <sup>st</sup> Graduation Family	1	6,975
5.	SC Renewal Scholarship	35	4,00,890
6.	BC/MBC Scholarship	142	5,91,417
7.	SC Scholarship	3	32,400
8.	SC Education loan Scholarship	28	1,96,000
9.	CM Award	4	6,000
10.	ICAR-NTS	5	50,000
11.	SC Fresh Scholarship	192	2,22,100
12.	SC Education loan Scholarship	19	1,33,000
13.	ST Fresh Scholarship	1	22,500
	<b>TOTAL</b>	<b>447</b>	<b>16,99,702</b>

#### 5. ICAR - JRF Successful candidates

S. No.	Subject	Successful Candidates Number		
		Fellowship	Placement	Total
1.	Entomology	4	--	4
2.	Physical Science	1	--	1
3.	Entomology, Agronomy, Plant Sciences, Social Science and Soil Science.	--	16	16
	<b>TOTAL</b>	<b>5</b>	<b>16</b>	<b>21</b>

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## 6. Awards / Medals / Prizes received by students

S. No	Name of Awards	Name of the student
1	Rasi Seeds Prize	Highest GPA in Seed Science and Technology courses in B.Sc.(Ag.) ANNAMALAI,M., ID.No.BSA04607 (OGPA : 9.25)
2	Salem Gugai Mrs.G.Sampoornammal Medal	Highest GPA in Crop Physiology courses in B.Sc.(Ag.) ANNAMALAI,M., ID.No.BSA04607 (OGPA: 9.60)
3	Dr.V.S. Subramanyan Prize	Highest GPA in Agrl. Extension courses in B.Sc.(Ag.) REVATHI,N., ID.No.BSA03643 ( OGPA : 9.58 )
4	Dr.C.V.Govindasamy Medal	Best student in Plant Pathology who secured the highest OGPA in all Plant Pathology courses in B.Sc.(Ag.) KARTHIKA, B., ID.No.BSA03621 ( OGPA : 9.54 )
5	Vadamadurai V.Govindasamy, Western Electric and Scientific Works, B.V.Velasamy and B.V.Sarojini Velasamy Medal	Highest OGPA in all Agrl. Entomology courses in B.Sc.(Ag.) KARTHIKA, B., ID.No.BSA03621 ( OGPA: 9.58 )
6.	Ibrahim Mohammed Dokka Mohammed and Kenana Sugar Company Limited, Bell & Company, Tmt.R.Santha Medal and AVR Sundaram Trust Medal	Highest OGPA in all Agronomy courses in B.Sc.(Ag.) HEMALATHA, S., ID.No.BSA03616 ( OGPA: 9.30 )
7.	Karaikal Siva R.Gurumurthy Iyer Medal	Best student in Social Sciences in B.Sc.(Ag.). The student who secured the highest OGPA in all Agrl. Extension and Agrl. Economics courses REVATHI,N., ID.No.BSA03643 ( OGPA: 9.58)
8.	Rajagopalan Padmavathy Medal	Men's individual Championship during the Annual Sports Day 2007-08 KALIAN RATHINAM,S.,
9.	K.Rajukkannu, K.Senthilvel, Meenakshi ammal and 1995-96 batch students Endowment Medal- Best Outgoing student	Student who Secured the highest OGPA KARTHIKA, B., ID.No.BSA03621 (OGPA: 9.32)

## 7. Study tour

S. No.	Nature of Tour	Period	Places Visited	Number of students
1	All India Study Tour	21.08.2007 to 08.09.2007.	IARI, New Delhi, APAU, CRIDA, NAARM MANAGE, DRR at Hyderabad, Central Potato Research Institute, Simla, Rose Garden in Chandigar and International Research Institute like ICRISAT at Hyderabad	64
2	Study tour	06.08.07 to 14.08.07	Coimbatore, Paiyur, Bhavanisagar Hosur, Bangalore, Mysore	64



## 8. Campus interview and placement

S.No	Agencies	Number Selected
1.	Indian Bank	3
2.	Canara Bank	2
3.	Bank of India	2
4.	Kothari Sugars	3
5.	Rasi Seeds	6
6.	E.I.D. Parry Ltd.,	2
7.	Cauvery Oil Palm Ltd.	2
8.	Pest Control India Ltd.	3
9.	A.M.E. Foundation	3
10.	Reliance Fresh	3
11.	Dhan Foundation	2
12.	Karvy Comtrade Ltd.	3

## 9. Successful candidates in UPSC examinations

S.No	Details	Successful Candidates
1	IAS	Mr. M.Tamilvanan,
2	IAS	Mr.T.Ramalingam,
3	IAS	Ms. P.Renugadevi
4	IAS	Mr.B.Radhakrishnan

## 10. Sports / Games and Prize won

S. No.	Name of the Medal	Organizer	Place and date	Rank
1.	Volleyball (W)	TNAU ICT'08	ADAC & RI, Trichy From 17.3.08 to 22.3.08	I Place
2.	Chess(W)	TNAU ICT'08	ADAC & RI, Trichy From 17.3.08 to 22.3.08	I Place
3.	Shuttle Bad Minton (W)	TNAU ICT'08	ADAC & RI, Trichy From 17.3.08 to 22.3.08	I Place
4.	Football (M)	TNAU ICT'08	ADAC & RI, Trichy From 17.3.08 to 22.3.08	II Place
5.	Kabaddi (M)	TNAU ICT'08	ADAC & RI, Trichy From 17.3.08 to 22.3.08	II Place



## 11. Students' functions

S.No	Date	Name of the Function
1	13.07.07	Students' Club inauguration function
2	31.07.07	Orientation Day for Freshers
3	07.09.07	A demo on "Wealth out of waste Cocoon waste"
4	09.09.07	Cycling expedition
5	24.09.07	NSS day celebration
6	07.12.07	Blood donation
7	23.01.08	Motivation programme on personality development
8	30.01.08	Blood donation
9	11.01.08	Pongal vizha
10	02.02.08	Poonjaral competition
11	15.02.08	Debating society
12	22.02.08	Kondattam 2008
13	25.02.08	Tamil Ilakkiya Mandra vizha

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## 1. Students' admission, degree wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Tech (Hort.)	-	-	-	6	20	26	6	20	26

## 2. Students' admission, quota wise

Sl. No.	Category	Admission Details								
		General			Self Finance Scheme			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	General	-	-	-	-	4	4	-	4	4
2	BC	-	-	-	4	10	14	4	10	14
3	MBC	-	-	-	2	4	6	2	4	6
4	ST	-	-	-			-			-
5	SC	-	-	-	-	2	2	-	2	2
6	ICAR	-	-	-						
7	Others	-	-	-						
<b>Total</b>		<b>-</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>20</b>	<b>26</b>	<b>6</b>	<b>20</b>	<b>26</b>

## 3. Students' strength

S.No.	Years	No. of students studying		
		Boys	Girls	Total
1.	I Year	6	20	26
2.	II Year	5	17	22
3.	III Year	6	12	18
4.	IV Year	6	11	17
<b>Total</b>		<b>23</b>	<b>60</b>	<b>83</b>

## 4. Details of scholarship availed by Students

S. No.	Particulars	Year				No. of students availed	Scholarship amount (Rs.)
		I	II	III	IV		
1.	MBC Scholarship	2	1	-	-	3	31430.00
2.	SC Scholarship	2	2	1	1	6	58770.00
3.	BC Scholarship	4	1	-	2	7	62070.00
4.	Book grant	-	-	2	-	2	16800.00
<b>Total</b>		<b>8</b>	<b>4</b>	<b>3</b>	<b>3</b>	<b>18</b>	<b>169070.00</b>

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## 5. Study tour

S. No.	Nature of Tour	Period	Placed visited	Number of students
1.	Field visit III B.Tech (Hort.)	03.04.2007	Avinashi, Sathyamangalam	18
2.	Field visit III B.Tech (Hort.)	04.04.2007	Hasunur, Bannari, Sathyamangalam	18
3.	I B.Tech (Hort.)	18.04.2007	Mathampati, Pollachi	26
4.		25.04.2007	Coonoor, Ooty	26
5.	III B.Tech (Hort.)	02.07.2007	Saibaba Colony	18
6.	II B.Tech (Hort.)	02.07.2007	Codissia	22
7.	III B.Tech (Hort.)	16.07.2007	Irugur	18
8.	II B.Tech (Hort.)	23.07.2007	Mettupalayam, Gobi	22
9.	II B.Tech (Hort.)	26.07.2007	Mettupalayam	22
10.	IV B.Tech (Hort.)	27.07.2007 to 29.07.2007	Oddanchatram, Thadiyankudusai	17
11.	II B.Tech (Hort.)	11.08.2007	Pallipalayam and Erode	22
12.	III B.Tech (Hort.)	28.08.2007	Udumalpet	18
13.	II B.Tech (Hort.)	05.09.2007 to 08.09.2007	Oddanchatram, Nilakottai, Tirunelveli, Killikulam, Tuticorin, Tenkasi	22
14.	II B.Tech (Hort.)	14.09.2007	Coonoor and Ooty	22
15.	III B.Tech (Hort.)	20.09.2007	Madurai	18
16.	III B.Tech (Hort.)	21.09.2007	Gobichettipalayam and Sathyamangalam	18
17.	III B.Tech (Hort.)	22.09.2007	Sathyamangalam, Gobi and Salem	18
18.	III B.Tech (Hort.)	25.09.2007	Gobi and Appakoodal	18
19.	I B.Tech (Hort.)	26.09.2007	Ooty	26
20.	II B.Tech (Hort.)	27.09.2007 to 28.09.2007	Pollachi and Anaikatty	22
21.	IV B.Tech (Hort.)	25.10.2007	Erode, Arachalur	17
22.	I B.Tech (Hort.)	29.10.2007	Pappampatti, Udumalpet, Pollachi	26
23.	I B.Tech (Hort.)	25.11.2007	Codissia	26
24.	II B.Tech (Hort.)	25.1.2008	Udumalpet	22
25.	IV B.Tech (Hort.)	28.1.2008	Vellipalayam	17
26.	III B.Tech (Hort.)	30.1.2008	Kaariapalayam	18
27.	III B.Tech (Hort.)	19.2.2008	Ukkadam	18
28.	I B.Tech (Hort.)	24.2.2008	Thondamuthur	26
29.	I B.Tech (Hort.)	8.3.2008	Thondamuthur, Alandurai, Poondy	26



## 6. Sports / Games and Prizes won

S. No.	Name of the Medal	Organizer	Place and date	Student	Rank
1.	Elocution	Talentia	Madurai	A.R.Sornam	III Prize
2.	Painting	Sangamithra	Coimbatore	D. Ann Pauline	I Prize
3.	Solo classical dance	Sangamithra	Coimbatore	S.Karthika	I Prize
4.	Solo song	Sangamithra	Coimbatore	C.N.Dhivyashree	I Prize
5.	Group dance	Talentia	Madurai	S.Karthika C.Monika	III Prize
6.	Games Basket ball	ICT	Trichy	Mamta Dhakad A.Swetha Monica Jennifer M.Swaadhysree	Winner
7.	Games-Shuttle	ICT	Trichy	J.Saranya	Runnerup
8.	Quiz	Technodawn State level Inter Collegiate Competition	AEC & RI, Kumulur	S.Suresh	I Prize

## 7. Students' functions

S.No	Date	Name of the Function
1.	31.01.2008	Annual Sports Meet
2.	22.02.2008 and 23.02.2008	Muthamizh Vizha



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## HORTICULTURAL COLLEGE AND RESEARCH INSTITUTE, PERIYAKULAM

### 1. Students' admission - degree wise

Sl. No.	Category	Admission Details								
		General			Self supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1	B.Sc., (Hort.)	31	30	61	-	-	-	31	30	61

### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	General	15	20	35	-	-	-	15	20	35
2.	BC	5	3	8	-	-	-	5	3	8
3.	MBC	6	4	10	-	-	-	6	4	10
4.	ST	-	-	-	-	-	-	-	-	-
5.	SC	4	3	7	-	-	-	4	3	7
6.	ICAR Quota									
7.	Others	1	-	1	-	-	-	1	-	1
<b>Total</b>		<b>31</b>	<b>30</b>	<b>61</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>31</b>	<b>30</b>	<b>61</b>

### 3. Students' strength

S.No.	Years	students Studied		
		Boys	Girls	Total
1.	I B.Sc., (Hort.)	31	30	61
2.	II B.Sc., (Hort.)	39	17	56
3.	III B.Sc., (Hort.)	27	34	61
4.	IV B.Sc., (Hort.)	25	35	60
<b>Total</b>		<b>122</b>	<b>116</b>	<b>238</b>

### 4. Details of scholarship availed by students

S.No	Scholarship Details	Scholarship Amount (Rs.)	Number of students benefited
1.	GOI Post merit SC/ST Scholarship	1132965	86



2.	Prize money award SC/ST students	15000	3
3.	BC/MBC/DNC scholarships	767628	148
4.	Free Education scholarship SC/ST students	-	-
5.	SC/ST converted Christian scholarship	6875	1
6.	Chief minister award	4500	3
7.	ICAR Talent scholarship	-	-

\* For both UG and One PG student

### 5. Awards / Medals / Prizes won by Students

Sl.No	Name of the Award	Year	Name of the student
1.	Jaideep Kumar Janardhanan memorial Award for best student in entomology courses	2007-08	R. Ramya
2.	Best B.Sc., (Hort. ) student	2007-08	J. Anitha

### 6. Study tour

S.No.	Name of the Tour	Period	Places of visit	Number of students
1.	Internship in plantation crops	23.09.2007 to 24.09.2007	Coonoor and Yercaud	61
2.	All India Tour	05.09.2007 to 26.09.2007	Banglore, Mysore, New Delhi, Jaipur, Agra, Simla, Solan, Dehradun	60
3.	Internship in sub tropical and temperate crops	22.01.2008 to 17.02.2008	Thadiyankudisai and kodaikanal areas	61
4.	Short tour	25.10.2007 to 03.11.2007	Coimbatore, Mettupalayam, Salem, Dharmapuri, Hozur, Trichy, Vridhachalam, Madurai, Thirunelveli, Thuthukudi, Nagarkovil	60

### 7. Campus interview and placement

S.No	Agencies	Number Selected
1.	DHAN Foundation, Madurai	18
2.	Rasi seeds	5
3.	Chettinadu Cement Corporation Ltd.	1
4.	International Agricultural Processing (P) Ltd.	1
5.	DHAN Foundation, Madurai	4
6.	DHAN Foundation, Madurai	2
7.	DHAN Foundation, Madurai	1
8.	Lakshmi Vilas Bank	1

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## 8. Sports / Games and Prize Winners

Sl. No.	Sports and games	Organization	Date and Place	Name of the Performer	Per formance
1.	BASKET BALL MEN	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI, Trichy	TEAM	WINNERS
2.	SHUTTLE BADMINTON MEN	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	K.BALACHANDAR	WINNER
3.	BASKET BALL WOMEN	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	T. SHARMILA	WINNERS
4.	TABLE TENNIS WOMEN	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	R. REVATHY	WINNERS
5.	VOLLEY BALL WOMEN	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	N. PARASAKTHI	WINNERS
6.	SHOT PUT	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	K. BALACHANDAR	WINNERS
7.	TRIPLE JUMP	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	K. BALACHANDAR	WINNERS
8.	DISCUS	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	T. SHARMILA	WINNERS
9.	SHOT PUT	Intercollegiate tournament	17.03.2008 to 22.03.2008 at ADAC&RI	R. REVATHY	RUNNER

## 9. Students' Functions

S.No	Date	Name of the Function
1.	07.08.2007	Orientation day & Students club inauguration
2.	13.02.2008 & 14.02.2008	Muthamil vizha

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## FOREST COLLEGE AND RESEARCH INSTITUTE, METTUPALAYAM



### 1. Students' admission - degree wise

Sl. No.	Category	Admission Details								
		General			Self supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Sc. (For.)	20	5	25	5	4	9	25	9	34

### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	General	0	0	0	0	1	1	0	1	1
2.	BC	6	4	10	2	0	2	8	4	12
3.	MBC	7	0	7	0	1	1	7	1	8
4.	ST	0	0	0	0	1	1	0	1	1
5.	SC	8	0	8	2	2	4	10	2	12
6.	ICAR	0	0	0	0	0	0	0	0	0
7.	DNC	0	0	0	0	0	0	0	0	0
<b>Total</b>		<b>21</b>	<b>4</b>	<b>25</b>	<b>4</b>	<b>45</b>	<b>9</b>	<b>25</b>	<b>9</b>	<b>34</b>

### 3. Students' strength

S.No.	Years	students Studied		
		Boys	Girls	Total
1.	I B.Sc. (2007)	24	2	26
2.	II B.Sc. (2006)	25	9	34
3.	III B.Sc. (2005)	17	7	24
4.	IV B.Sc. (2004)	23	2	25
<b>Total</b>		<b>89</b>	<b>20</b>	<b>109</b>

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#### 4. Details of scholarship availed by Students

S.No.	Particulars	Year	No. of Students availed	Scholarship amount (Rs.)
1.	BC Scholarship	2007-08	4	13,000
2.	SC scholarship	2007-08	7	70,000
3.	MBC Scholarship	2007-08	8	20,000
	<b>Total</b>		<b>19</b>	<b>1,03,000</b>

#### 5. ICAR - JRF Successful candidates

S. No.	Subject	Number of students		
		Fellowship	Placement	Total
1.	Forestry - Mr.P.Naveenkumar	1	-	1

#### 6. Awards / Medals / Prizes won by Students

Sl.No	Name of the award	Year	Name of the student
1.	TNAU Gold Medal	IV year (2003-07)	N.Naveenkumar

#### 7. Study tour

S.No.	Nature of Tour	Period	Places of visited	Number of students
1.	Tamil Nadu - 1	April 17-26, 2007	Salem, Yercaud, Tiruvanna-malai, Chennai, Pondicherry, Virudhachalam, Pitchavaram, Kodikarai Puthukottai	24
2.	Study tours	Oct 24-25, 2007	Ooty	32
		Nov.3-4, 2007	Kodikarai	32
3.	Tamil Nadu - 2	March 20-28, 2008	Madurai, Kodaikanal, Kanya-kumari, Rameshwaram, Kalakad Mundanthurai Tiger Reserve, Pabanasam, Tiruchendur	24
4.	Forest Work Experience*	As detailed below	Madurai, Coimbatore, Dharmapuri, Thirunelveli	25
5.	Jungle Training with Special Task Force	13.08.07 - 20.08.07 - 7 Days	Sathyamangalam	25





### \*Forest Work Experience Programme

(FWE 401) for the IV B.Sc. (Forestry) students during the VII Semester was conducted for 67 days as detailed below:

Orientation Programme	:	12.06.07-13.06.07 - 2 Days
Internship with Forest Dept	:	14.06.07- 23.07.07 - 40 Days
Agroforestry (KVKs)	:	25.07.07- 03.08.07 - 9 Days
Attachment with NGO	:	06.08.07- 12.08.07 - 7 Days
Jungle Training with STF	:	13.08.07 -20.08.07 - 7 Days
Exhibition/presentation	:	23.08.07 -24.08.07 - 2 Days

### 8. Campus interview and placement

S.No	Agencies	No. of students	Number Selected
1.	ITC, Badrachalam, Andhra Pradesh	5	Asst. Field Officer

### 9. Successful candidates in UPSC examinations

S.No.	Details	Name of the successful candidates	Rank	Degree and batch
1.	IFS Examination	Miss.Nivethitha	11	M.Sc. (Forestry) I year
2.	IFS Examination	Mr.K.Nesamani	27	Ph.D. (Forestry) III year
3.	IFS Examination	Mr.T.Ashokkumar	38	B.Sc. (Forestry) 2000-04

### 10. Sports / Games and Prize Winners

Sl. No.	Sports and games	organizer	Place and Date	Winner	Rank
1.	TNAU Inter-collegiate Tournaments - 2008	Anbil Dharmalinga Agrl.College &Res. Institute	Tiruchi 17-03-08 to 22-03-08	1. S.Prabhakaran, IV. B.Sc. (Forestry) Captain	I
				2. G.Venkatesh, III B.Sc. (Forestry)	I
				3. V.Rajalingam, II M.Sc. (Forestry)	I
				4. B.Senthilkumar, I M.Sc. (Forestry)	I
				5. A.Raja, III B.Sc. (Forestry)	I
				6. S.Murali, III B.Sc. (Forestry)	I
				7. D.Arulkumar, I B.Sc. (Forestry)	I
				8. N.Manojkumar, III B.Sc. (Forestry)	I
				9. S.S.Umar Ibrahim, IV B.Sc. (Forestry)	I
				10. N.Karthikeyan, IV B.Sc. (Forestry)	I
				11. D.Dinesh, III B.Sc. (Forestry)	I



2.	Basket Ball	Anbil Dharmalinga Agrl.College &Res. Institute	Tiruchi 17-03-08 to 22-03-08	1. R.Kirubasankar, III B.Sc.(Forestry)-Captain	II
				2. R.Karthikeyan, IV B.Sc. (Forestry)	II
				3. B.Senthilkumar, I M.Sc. (Forestry)	II
				4. P.Ramasamy, I M.Sc. (Forestry)	II
				5. M.Rajaskaran, III B.Sc. (Forestry)	II
				6. S.Murali, III B.Sc. (Forestry)	II
				7. V.Rajalingam, II M.Sc. (Forestry)	II
				8. D.Dinesh, III B.Sc. (Forestry)	II
				9. C.N.Hariprasad, I B.Sc. (Forestry)	II
				10.A.Arunkumar, IV B.Sc. (Forestry)	II

## 11. Students Functions

S.No	Date	Name of the Function
1.	24.07.07	Club Inauguration
2.	14.08.07	PSGR Krishnammal College Debate
3.	02.10.07	Wild Life week celebrations Interschool competitions conducted
4.	10.11.07	All India Inter Agricultural Youth Festival
5.	11 &12.02.08	TALENTIA, Madurai
6.	28.02.08	National Science Day
7.	02 & 03.03.08	Pooncharal State level Cultural Level Competition
8.	21.03.08	World Forestry Day

## 12. NSS Programme

1.	05.06.07	World Environment Day
2.	15.08.07	Independence Day
3.	02.10.07	Gandhi Jayanthi
4.	06.10.07	"Wild Life" week celebrations
5.	13.10.07	A Parthenium Awareness week and an Animal Husbandry Campaign
6.	26.01.08	Republic Day
7.	06.02.08	Handloom Awareness Exhibition
8.	29.03.08	A special camp on the theme "Healthy youth for Healthy India"
9.	30.03.08	Youth Welfare Day
10.	31.03.08	An Industrial related tree cultivation day



## AGRICULTURAL ENGINEERING COLLEGE AND RESEARCH INSTITUTE, COIMBATORE



### 1. Students' admission - degree wise

Sl. No.	Degree	Admission Details								
		General			Self Finance Scheme			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Tech.(FPE)	-	-	-	12	15	27	12	15	27
2	B.Tech.(EEE)				12	17	29	12	17	29

### 2. Students' admission - quota wise

Sl. No.	Category	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
<b>I. B.Tech.(FPE)</b>										
1.	General	-	-	-	-	-	-	-	-	-
2.	BC	-	-	-	8	11	19	8	11	19
3.	MBC	-	-	-	3	1	4	3	1	4
4.	ST	-	-	-	-	-	-	-	-	-
5.	SC	-	-	-	-	1	1	-	1	1
6.	ICAR	-	-	-	-	-	-	-	-	-
7.	Others	-	-	-	1	2	3	1	2	3
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>15</b>	<b>27</b>	<b>12</b>	<b>15</b>	<b>27</b>
<b>B.Tech.(EEE)</b>										
1.	General	-	-	-	-	-	-	-	-	-
2.	BC	-	-	-	7	8	15	7	8	15
3.	MBC	-	-	-	4	3	7	4	3	7
4.	ST	-	-	-	-	-	-	-	-	-
5.	SC	-	-	-	1	3	4	1	3	4
6.	ICAR	-	-	-	-	-	-	-	-	-
7.	Others	-	-	-	-	3	3	-	3	3
	<b>Total</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>12</b>	<b>17</b>	<b>29</b>	<b>12</b>	<b>17</b>	<b>29</b>

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### 3. Students' strength

S.No.	Years	No. of Students		
		Boys	Girls	Total
<b>I.</b>	<b>B.Tech.(Food Process Engineering)</b>			
1.	I Year (2007-08 batch)	12	15	27
2.	II Year (2006-07 batch)	12	11	23
3.	III Year (2005-06 batch)	11	18	29
4.	IV Year (2004-05 batch)	10	12	22
	<b>Total</b>	<b>45</b>	<b>56</b>	<b>101</b>

S.No.	Years	No. of Students		
		Boys	Girls	Total
<b>I.</b>	<b>B.Tech.(Energy &amp; Environmental Engineering)</b>			
1.	I Year (2007-08 batch)	12	17	29
2.	II Year (2006-07 batch)	8	11	19
3.	III Year (2005-06 batch)	14	14	28
4.	IV Year (2004-05 batch)	11	13	24
	<b>Total</b>	<b>45</b>	<b>55</b>	<b>100</b>

### 4. Details of scholarship availed by Students

S.No.	Particulars	Year	No. of Students availed	Scholarship amount (Rs.)
1.	B.C. Scholarship	2007-08	19	148770.00
2.	BC First Graduate Scholarship		13	108360.00
3.	MBC Scholarship		16	120915.00
4.	MBC First Graduate Scholarship		13	185150.00
5.	Periyar Endowment Scholarship		1	5000.00
6.	Chief Minister Award Scholarship		2	3000.00
7.	SC Scholarship Post metric		20	375380.00
8.	Sc Loan		1	7000.00
9.	National Foundation for Teacher's Welfare Award		2	10000.00



## 5. Study tour

### B.Tech (Food Process Engineering) - 2004-08 Batch

S.No.	Nature of Tour	Period	Places of visited	Number of students
1.	Rural Agro Industrial Programme tour	06.12.2007 to 15.12.2007	Dharmapuri & Krishnagiri District	22
2.	Industrial internship programme	18.12.2007 to 06.03.2008	Chennai, Bangalore, Maharashtra, West Bengal, Pune, Chittoor, Karaikal, Erode, Salem, Vellore	22
3.	All India study tour	11.03.2008 to 25.03.2008	Kanchipuram, Salem, Chennai, Bangalore, Mumbai, Gujarat, Himachalapradesh, Ahmedabad Amristar & New Delhi	22

### B.Tech (Energy and Environmental Engineering) - 2004-08 Batch

S.No.	Nature of Tour	Period	Places of visited	Number of students
1.	Industrial internship programme	05.12.2007 to 17.02.2008	Theni, Chennai, Hyderabad, Mumbai & New Delhi	24
2.	All India study tour	22.02.2008 to 07.03.2008	Bangalore, Mumbai, Anabd, Ahmedabad Haryana, Gurgaon Bunchap, New Delhi, Shimala, Solan	24
3.	Rural Energy and environmental exposure	11.03.2008 to 25.03.2008	Chennampatti, Kittampatti, , Amapett Union - Erode District	24

## 6. Campus Interviews and Placement

### B.Tech (Food Process Engineering)

S.No.	Name of the Student	Name of the Company
1	Kannan.A	M/s. Goma Engineering Pvt Ltd., Thane.
2	Karthika.G	M/s. Elite foods, Hosur
3	Manoj prabakar.A	M/s. Goma Engineering Pvt Ltd., Thane.
4	Navaneetha krishan.V	M/s. ISF, Chennai
5	Preetha.P	M/s. Christy foods, Tiruchengode
6	Priyadarshini.N	M/s. Hertiage Foods, Hyderabad
7	Sakthi.S	M/s. Kwality walls, Chennai
8	Suganya.E	M/s. Heritage Foods, Chennai
9	Venketesh kumar.P.C	M/s. Hutson Agro Products, Chennai
10	Anand. T	M/s. Kevin Kare Pvt. Limited, Chennai
11	Vijayabharathi.G	M/s. Kwality Milk foods Kanchipuram

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## B.Tech (Energy and Environmental Engineering)

S.No.	Name of the Student	Name of the Company
1	SATHISH. D	M/s. Asia Carbon Emission Management India, Pvt. Ltd., Chennai
2	MEERA, S.	
3	DWARAKAA, E	
4	SIVASANKARI, R	
5	KEERTHIVASINI. J	
6	SENBAGA POONGUZHALI, R	M/s. BGR Energy Systems Limited, Chennai
7	ARUN PRAKASH, A	M/s. Canter CO <sub>2</sub> e India Private Limited, Hyderabad
8	MURALI. R.	M/s. TUV Nodd, Bangalore
9	SESHA GOPAL, K	M/s. INTESCO Asia Limited, Bangalore
10	DIVYA VAISHNAVI, T	M/s. Ernst and Young Pvt. Ltd., Hyderabad
11	SRI KRISHNA. B	M/s. Renewable Cogen Asia Pvt. Ltd., Chennai
12	NISHANTHINI. V. S	
13	MANOJ KUMAR. M	M/s. Renco Technologies Private Limited, Chennai
14	INDUMATHI. C	
15	Chilambu Raj, A	
16	POONGUZHALI. R.	M/s. Auro Mira Energy Pvt. Limited, Chennai
17	RAJIVIE. E	M/s. Sreyas Carbon Pvt. Limited, Erode
18	Narendra Kumar, R	M/s. Ctran Consulting Private Limited, Bhubaneshwar





**1. Students' admission - degree wise**

Sl. No.	Category	Admission Details								
		General			Self supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B. Tech. (Agrl. Engg.)	26	22	48	-	5	5	26	27	53

**2. Students' admission - quota wise**

Sl. No.	Degree	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	General	-	1	1	-	-	-	-	1	1
2.	BC	10	6	16	-	4	4	10	10	20
3.	MBC	3	8	11	-	-	-	3	8	11
4.	ST	-	1	1	-	-	-	-	1	1
5.	SC	8	6	14	-	1	1	8	7	15
6.	ICAR	5	-	5	-	-	-	5	-	5
7.	Others									
<b>Total</b>		<b>26</b>	<b>22</b>	<b>48</b>	<b>-</b>	<b>5</b>	<b>5</b>	<b>26</b>	<b>27</b>	<b>53</b>

**3. Students' strength**

S.No.	Years	Students Studied		
		Boys	Girls	Total
1	I Year	26	27	53
2	II Year	27	17	44
3	III Year	27	16	43
4	IV Year	28	16	44
<b>Total</b>		<b>108</b>	<b>76</b>	<b>184</b>

**4. Details of scholarship availed by Students**

S.No.	Particulars	Year	No.of students availed	Scholarship amount (Rs.)
1.	SC/ST	I IV years	43	509270
2.	SC Special Scholarship	I IV years	18	126000
3.	BC/MBC/ DNC Scholarship	I IV years	81	247110

## 5. Successful Candidates in ICAR-JRF Competitive examination

S. No.	Subject	Number of students		
		Fellowship (Rs.)	Placement	Total (Rs.)
1	ICAR	10000	7	70000

## 6. Education related Awards and Prizes

Sl.No	Name of the award	Period	Name of the student
1	Participated in "National Agricultural Engineering Students' Competition-2008"	29.01.08 to 30.01.08	Miss. J. Jansi Sheeba Rani Miss. Gnanaselvi

## 7. Study tour

S.No.	Nature of Tour	Period	Places of visited	Number of students
1.	Short study Tour	10.03.08 to 19.03.2008	*	44
2	All india Tour	March 2008	**	43

\* KCP Solar Ltd-Salem, Poultry farm, Salem, VEE YEL-fruits industry, Mettupalayam, TEXMO Pumps & Motors Coimbatore, PSG Foundry Works, Singanallur, Coimbatore, Udaya semiconductors, Singanallur, Coimbatore, LCT FEEDERS, Singanallur, Coimbatore, ARS-Research Activities, Aliyar, Pollachi, PAP-Project, Water Distribution System, Pollachi Parambikulam Dam, Pollachi, Santhosh Organic Farming, Pollachi, Hort. College & Res. Instt, Periyakulam, Cardamom Processing, Theni, Mango Pulp Industry, Savadi Patti, Vagai Periyar Project Area, Maduari, Tuticorin Port-Material Storage, Handling, and Transport Tech, Turicorin, SPIC- Fertilizer Industry, Tuticorin, Visit to Fisheries College, Tuticorin, V K NARDEP- Bio Gas plants, Kanniyakumari, Wind Farm Muppandal,

Killikulam, Idhayam oil Mill, Virudhunagar, Coconut Mill, Virudhunagar, Melur Plough Works, Madurai, IRRI TECH Park, AC & RI, Madurai, Home Science college, Madurai Shanmugam Pillai & sons, Dindigul

\*\* Premier irrigation, Hyderabad, IIT, Mumbai, ASPEE industry, Mumbai, Indian Packaging Industry, Mumbai, Jain irrigation Co., Jalgoan, Jain plastic park, Jalgoan, Jain processing Co., Jalgoan, Visit to architectural constructions at Agra & Jaipur, CSWCR&TC, Dehra Dun and Indian Institute of Remote Sensing, Dehra Dun, College of Agri. Engineering, PAU, Ludiana, Division of Agri. Engg-IARI, Delhi, WTC-Indo-Israel project, Delhi, Phytotron facility IARI, Delhi, SSP Food & Dairy plant, Delhi

## 8. Campus interview and placement

S.No	Agencies	No. of students
1	M/s Swaraj tractors, New Delhi	2

## 9. Successful candidates in UPSC examinations

S.No.	Details	Name of the successful candidates	Degree and batch
1.	IFS	Er. K. Karthikeyan	1996 -2000





## 10. Sports / Games and Prize Winners

Sl. No.	Sports and Medal	Organizer	Place	Winner	Rank
1	TNAU, ICT- Triple Jump	TNAU	ADAC&RI, Trichy	S. Sivakuamr	3 <sup>rd</sup> price
2	TNAU, ICT-Table tennis and ball badminton	TNAU	ADAC&RI, Trichy	--	Runner

## 11. Students Functions

S.No	Date	Name of the Function
1	06.04.2007	Farewell function
2	27.06.2007	Power Tiller Day
3	24.07.2007	Tractor Day
4	08.08.2007	Club Inauguration Day and Orientation day
5	11.09.2007	Sports day
6	04.03.2008	Club day



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## 1. Students' admission - degree wise

Sl. No.	Degree	Admission Details								
		General			Self supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
1.	B.Sc.(H.Sc.)	11	15	26	-	-	-	11	15	26

## 2. Students' admission - quota wise

Sl. No.	Degree	Admission Details								
		General			Self Supporting			Total		
		Boys	Girls	Total	Boys	Girls	Total	Boys	Girls	Total
	<b>B.Sc.(H.Sc.)</b>									
1.	General	-	-	-	-	-	-	-	-	-
2.	BC	2	5	7	-	-	-	2	5	7
3.	MBC	-	1	1	-	-	-	-	1	1
4.	ST	-	-	-	-	-	-	-	-	-
5.	SC	9	9	18	-	-	-	9	9	18
6.	ICAR	-	-	-	-	-	-	-	-	-
7.	Others	-	-	-	-	-	-	-	-	-
	<b>Total</b>	<b>11</b>	<b>15</b>	<b>26</b>	<b>-</b>	<b>-</b>	<b>-</b>	<b>11</b>	<b>15</b>	<b>26</b>

## 3. Students' strength

S.No.	Years	Students Studied		
		Boys	Girls	Total
1	I Year	11	15	26
2	II Year	19	8	27
3	III Year	11	11	22
4	IV Year	5	11	16
	<b>Total</b>	<b>46</b>	<b>45</b>	<b>91</b>



#### 4. Details of scholarship availed by Students

S. No.	Particulars	No. of students availed	Scholarship amount (Rs.)
1.	Adi-dravidar and Tribal Welfare Scholarship (Renewal)	7	86510
2.	SC Higher Education Special Scholarship (Renewal)	8	56000
3.	Most Backward Classes and Minorities (Renewal)	6	36350
4.	Backward Classes Scholarship (Renewal)	8	40540
5.	Most Backward Classes and Minorities (Renewal) Scholarship	4	13882
6.	Backward Classes (Fresh) Scholarship	1	3193
7.	Backward Classes (Renewal) Scholarship	8	16894
8.	Adi-dravidar and Tribal Welfare Scholarship (Renewal) and (Fresh)	18	237550
9.	Adi-dravidar and Tribal Welfare Scholarship (Fresh)	17	208380
10.	SC Higher Education Special Scholarship (Fresh)	23	161000
11.	SC Scholarship Free Education (Fresh)	5	24380
12.	Most Backward Classes and Minorities (Fresh) Scholarship	1	6750
13.	Backward Classes (Fresh) Scholarship	4	23500
	<b>Total</b>	<b>110</b>	<b>914929</b>

#### 5. ICAR - JRF Successful candidate

Sl.No	Subject	No. of students		
		Fellowship	Placement	Total
1.	Home Science	3rd Place (Ms.G.Megala) 6th Place (Ms.B.Meenu Preethi)	--	2

#### 6. Awards / Medals / Prizes won by Students

Sl.No.	Details of awards	Period	Name of the student
	<b>B.Sc.(Home Science)</b>		
1.	Thiru. P.A.C. Ramasamy Raja Award	2007	B. Meenu Preethi B.Sc. (HSC)
2.	Students of Home Science College (Madurai) Award	2007	B. Meenu Preethi B.Sc. (HSC)
3.	Shri. V.K. Gopaldaswamy Nadar and Family Award	2007	B. Meenu Preethi B.Sc. (HSC)
4.	Shri. Govinda Raja Mills Prize	2007	G. Vanitha B.Sc. (HSC)

#### 7. Study tour

Sl. No	Study tour	Period	Places visited	No. of Students
1.	South India Tour Visit	October 2007 (15 days)	*	15



\* Bangalore - AGROCON, National Dairy Research Institute and NIPCCD; Mysore - DFRL, Canning Unit Hyderabad - NIN, NIRD,

APAU, Textiles Department and Garment manufacturing Unit ; Chennai - NIFT, Food and Beverage, Reliance Retail, Modern bakery, KFC

## 8. Campus interview and placement

S.No	Agencies	No. of students
1.	Lakshmi Vilas Bank, Erode District	1 - PG
2.	Pandian Co-operative Bank, Madurai	1 - UG
3.	Dhan Foundation, Madurai	1 - UG

## 9. Sports / Games and Prize Winners

S. No.	Name of the Sports	Place and Date	Winners	Rank
1.	Hockey	Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirapalli 17.03.2008 -22.03.2008	K. Murugan S.Lakshmana Moorthy	2
2.	Kabbadi	Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirapalli 17.03.2008 -22.03.2008	K. Murugan S.Lakshmana Moorthy	2
3.	Volley Ball	Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirapalli 17.03.2008 -22.03.2008	S.Lakshmana Moorthy R. Karthikraja	1
4.	Cricket	Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirapalli 17.03.2008 -22.03.2008	S.Lakshmana Moorthy R. Saravanan	3
5.	Atheletic and Kokho	Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirapalli 17.03.2008 -22.03.2008	T.R. Veni	1
6.	Ball Badminton	Anbil Dharmalingam Agricultural College & Research Institute, Tiruchirapalli 17.03.2008 -22.03.2008	R. Masana Selvam S. Muthu Pandi	1

## 10. Students' Functions

S.No	Date	Name of the Function
1	22.08.2007	Club Inauguration and Orientation Programme
2	16.10.2007	World Food day
3	25.01.2008	Tamil Illakia Mandram
4	28.01.2008	Inter college competition - Thullal 2008
5.	11.02.2008 to 12.02.2008	Talentia 2008
6.	08.03.2008	Women's Day





### 3.3 DIRECTORATE OF STUDENTS' WELFARE

In the present day competitive world, getting placement is a difficult task and getting better placement is much more difficult. In order to fulfill and satisfy the needs of agricultural graduates the Directorate of Students' Welfare (DSW), a nodal centre for Tamil Nadu Agricultural University, Coimbatore playing a major role in providing guidance, Career counseling and placement activities of constituent colleges. The prime focus of DSW is to develop confidence and competence among the students to promote job opportunities nationally and internationally. Placement, Higher Education Abroad and Career Counseling are the three core activities of this directorate.

#### 1. Placement

Placement is the major activity of DSW. The fresh undergraduates and post graduates, unemployed and underemployed belong to all disciplines of TNAU get registered their names in this directorate so as to enable them to attend campus interview and secure placement. This registration is valid for one year and renewed on

#### 2. Campus interviews

Campus interviews are conducted regularly atleast once in a month and some times based on the urgency requirements. During the period under report, 22 campus interviews were conducted in which 10 Nationalized Banks had participated besides 82 Agro-based industries and recruited 245 Under Graduates and 166 Post-Graduates. Interestingly, 182 students got jobs in banking sector with salary level of Rs.20,000 -25,000 per month. Job fair is an annual event coinciding with the date of completion of their academic programmes mostly in March or April every year. During the special event, atleast 20-25 companies participate in the Job Fair which facilitate placement of about 250-300 students at once.

#### 3. Job Fairs

The Job Fair of 2008 was organized during May 3<sup>rd</sup> - 4<sup>th</sup>, 2008. More than twenty leading Agro based industries, NGO's, and consultancy agencies has participated in this fair. More than four hundred fresh and old agri. students had participated among which, nearly 300 students had been selected or short listed. Some of the industries distributed appointment

orders on the spot itself with the salary structure ranges from Rs. 8,000 to Rs. 15,000/- at UG level and Rs. 10,000 to Rs. 25, 000/- at PG level.

#### 4. Industrial visit

Industrial visit are made to attract and invite industries to participate in the campus interviews. Apart from the regular contacts with the industries by postal and e-mail communications, the Director (Students' Welfare) and the Placement Officers have made visits to various Multinational Agro-based Industries, Private and Public Sector Banks and Non-Governmental Organizations located within and outside the State of Tamil Nadu and appraised the activities of DSW and requested them to participate in campus recruitment.

#### 5. Overseas Employment Unit

Overseas Employment Unit (OEU) of DSW is functioning well to pave way to the agriculture graduates to secure employment in foreign countries. So far 36 candidates have placed in Middle East (Dubai, Doha, Muscat, Kuwait and Madagascar) and African Countries. This directorate also facilitates and motivates the students periodically by arranging Special Lectures and Interaction meetings inviting experts in order to impress the students to seek overseas employment. The selection process always made through telephonic interviews and video conferencing.

#### 6. Higher Education Abroad

Higher education abroad is also one of the important objectives of this directorate. Number of students opting for Higher Education Abroad is increasing every year. About 50 graduates taking coaching classes organized by DSW in the subjects viz., TOEFL, IELTS and GRE. During the period under report, 36 students have obtained scholarship to pursue their higher studies in foreign countries such as Germany, Canada, USA, Japan, UK, South Korea and Singapore. To facilitate students to go abroad, an internet based connectivity Green group has been established in the directorate in which students who deserves to study or work abroad get exchange their ideas relating to scholarships, assistantships and fellowships from the TNAU alumni who study and works in foreign countries.

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Following are the courses offered under Career Counseling during 2007-08.

S.No	Courses	No. of students registered
1.	Civil Services	35
2.	Bank PO	30
3.	IELTS	10
4.	GRE	8
5.	Computer Programming	22
6.	Hindi	25

### 7. Career Counseling

Under career counseling programme, Spoken English for career skills for a period of 4 months is being organized with the help of Freelance Teachers and Professors of reputed institutions. Students of TNAU are shaped under this Spoken English course to suits the employment market of Export oriented companies, Corporate sectors and Commodity trading. Other important career counseling which are offered by the DSW are Civil Service Coaching class, Banking probationary officers coaching class, Personality development programme and Basic computer programming 'C'. During the year 2007-08, 16 TNAU graduate passed Civil Service examination with top ranks.

### 8. Career Guidance Workshop

A two days "Career Guidance Workshop - 2008" was organized at Agricultural College and Research Institute, Madurai during April 11-12, 2008 in order to facilitate the out going undergraduate students to get themselves

prepared for immediate placement. About 500 final year students from all disciplines of ten constituent colleges of TNAU along with their placement officers attended the workshop and benefited. Experts in the field of IAS, IPS, IRS, Banking sectors, NGO's and Entrepreneurs were invited for Special lectures to enthuse the students to be successful in their career.

### 9. Communication Laboratory

The communication skills play a pivotal role in promoting employability of graduates in any educational programs. The Communication Laboratory is a hub where the teacher and students are bridged through a cable networking system for effective learning. It is an innovative method of teaching foreign languages particularly English with assistance of sophisticated software that facilitates interactive teaching and precise learning. The lab carries audio and video systems which add value to the effective learning process. About 106 UG, 233 PG and 28 Ph.D. students have visited the laboratory to equip themselves in communication skills.



#### 10. List of Candidates selected by Campus Interview (April 2007-Mar 2008)

S. No.	Name of the Organization	No. of Students Selected
1	M/s. Mangalore Chemicals & Fertilizers Limited	6
2	M/s. Indian Bank	7
3	M/s. Monsanto India Limited, Coimbatore	3
4	M/s. Global Agri. Systems (P) Ltd, New Delhi	15
5	M/s. Lakshmi Vilas Bank Ltd.,	24
6	M/s. Pestec	5
7	M/s. Trinethra Super Retail Ltd.,	14
8	M/s. EID parry, Pugalur	15
9	M/s. Sri Ram Bio-Seeds	6
10	M/s. Alchum International	5
11	M/s. Rallis India	11
12	M/s Kotak Mahindra	8
13	M/s. CAPART	3
14	M/s. Premier Irrigation	5
15	M/s. Vectare	2
16	M/s. Sree Balaji Metal Refinery	9
17	M/s. Hand-in-Hand	15
18	M/s. Sri Maruthi Academy	5
19	M/s. Vibha Agrotech Limited	3
20	M/s. School of Agriculture	2
21	M/s. KCP Sugars	3
22	M/s. Reliance Retail Fresh (P) LTD.	12
23	M/s. John Deere (P) Ltd.	2
24	M/s. International Agri. Process Ltd.	3
25	M/s. DI Mohan Bio Oils Ltd.	3
26	M/s. Gassin Pierre Ltd.	3
27	M/s. Centre for Indian Knowledge System	6
28	M/s. Viggli Agro Products	5
29	M/s. Karvy Stock Broking Ltd.	6
30	M/s. Karvy Commodity Trading	6
31	M/s. Corporation Bank	3
32	Overseas - Dubai	2

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33	M/s. Mahyco Seeds Ltd., Jalna, Mumbai	2
34	M/s. Indian Overseas Bank	58
35	M/s. MGP Herbals Care (P) Limited	5
36	M/s. Indo American Hybrid Seeds India P Ltd	3
37	M/s. Mahasemam Trust	2
38	M/s. IDBI Bank, Mumbai	15
39	M/s. Cadburys India Ltd., Chennai	3
40	M/s. Shreyas Corporate Concept (P) Ltd.	2
41	M/s. Canara Bank	29
42	M/s. Pantaloon Retail India Ltd., Mumbai.	1

### 3.4. UNIVERSITY LIBRARY

The Tamil Nadu Agricultural University is known for its name and fame across the globe and served to the cause of Agricultural Sciences over 100 years. This Library provides the fullest requirements and satisfaction of Academicians, Research Scholars and Students all over. At present the library has 1,65,706 books and back volumes.

#### Improvement in the library during 2007-2008

1. More than 149 online journals and 131 Indian and 18 foreign printed journals pertaining to all disciplines have been subscribed for the year 2007-2008.
2. Electronic surveillance system has been introduced with 22 cameras fixed in all the stock areas for effective monitoring.
3. 1.5 Lakhs pages of archives are being digitized, out of which 50,000 pages of 95 volumes were digitized and the remaining pages are to be digitized.
4. Radio Frequency Identification (RFID) technology has been introduced and 30,000 books are fixed with RFID tag for theft control.
5. Autolib software with RFID integration has been purchased for effective library management. More than 149 online journals and 131 Indian and 18 foreign printed journals pertaining to all disciplines

Library have been subscribed for the year 2007-2008.

6. Separate Digital library has been created with high configuration computers and Internet connectivity to access the online and digital resources.
7. CD Library has been developed exclusively for CD's search on both thesis and subjects.
8. Annual reports from various institutions and research project reports are being kept in a separate section for users convenient.
9. A separate section has been established for newsletters received from various institutions and universities.

#### Book Exhibition

The library has received 900 issues of foreign journals & Indian journals. Book exhibition was conducted during 18 to 20<sup>th</sup> December, 2007. Fifteen book companies from all over India have participated in the exhibition. More than 790 books on agriculture and allied subjects were purchased under ICAR development grant during 2007-2008. The library collections were fully utilized by scientists and students of TNAU. Apart from that, 2752 visitors from Tamil Nadu and Neighboring States used the Library collection for their academic programme and research work.







### 3.5 DIRECTORATE OF OPEN AND DISTANCE LEARNING

#### Distance learning Programmes

The Directorate of Open and Distance Learning, one of the constituent units of the TNAU started during April 2005 is vested with the responsibility of offering distance learning programmes through correspondence mode viz., Certificate Courses, PG Diploma programmes and PG Degree programmes for the benefit of various segments of the farming community, entrepreneurs, self help groups and other learners who aspire for correspondence education and interested in establishing agro based industries in rural areas. In this direction, the Directorate of Open and Distance Learning have organized the following programmes.

#### Certificate courses

- ❖ Cotton and Maize Hybrid Seed Production
- ❖ Sugarcane Production Technology
- ❖ Vegetable Seed Production
- ❖ Nursery Techniques & Propagation of Horticultural Plants
- ❖ Mushroom Production
- ❖ Preservation of Fruits and Vegetables
- ❖ Wasteland Development
- ❖ Repair and maintenance of farm equipments and machineries
- ❖ Waste recycling and vermicomposting
- ❖ Bee keeping
- ❖ Cotton Cultivation

- ❖ Coconut cultivation
- ❖ Gardening and landscaping
- ❖ Medicinal Plants
- ❖ Bakery and Confectionery Technology
- ❖ Modern Irrigation Management

#### PG Diploma programmes

- ❖ Production and Quality Control in Medicinal Plants
- ❖ Food Biotechnology
- ❖ Bioinformatics

#### PG Degree programmes

- ❖ Master of Business Administration (MBA)
- ❖ M.Sc. Environmental Management
- ❖ M.Sc. (Sugarcane Technology)
- ❖ Modern Irrigation Management

#### PG Diploma programmes

- ❖ Production and Quality Control in Medicinal Plants
- ❖ Food Biotechnology
- ❖ Bioinformatics

#### PG Degree programmes

- ❖ Master of Business Administration (MBA)
- ❖ M.Sc. Environmental Management
- ❖ M.Sc. (Sugarcane Technology)

Following are the courses offered under Career Counseling during 2007-08.

S.No	Courses	No. of students registered
	<b>PG Degree</b>	
1.	MBA	45
2.	M.Sc. (Environmental Management)	9
3.	M.Sc. (Sugarcane Technology)	97
	<b>PG Diploma</b>	
1.	Food Biotechnology	7
2.	Production and Quality Control in Medicinal Plants	6
3.	Bioinformatics	1
	<b>Certificate Courses</b>	<b>626</b>

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## Future Programmes

Based on the feedback obtained from the learners of certificate courses and others, the Directorate of Open and Distance Learning has planned to organise the following new courses along with the existing courses during 2008 - 2009 as indicated below

### Certificate courses

- ❖ Flower Cultivation Technology
- ❖ Jetropha Cultivation Technology
- ❖ Sericulture Technology
- ❖ Modern Weed Management

### PG Degree Programmes

- ❖ M.Sc., Food Science and Technology

### PUBLICATION DIVISION

The Publication Division of the TNAU is functioning as an important component of the Directorate of Open and Distance Learning. This unit is vested with the responsibility of printing important publications of the university viz., TNAU Newsletter, Valarum Velanmai, Annual Report, Audit Reports, Annual Accounts, Research highlights, etc., All the course materials pertaining to Distance learning programmes viz, PG Degrees , PG Diploma programmes and Certificate courses are being printed at this unit. Besides this, printing of newsletters and other publications of the Joint Directors of Agriculture and Commissioner of Agriculture, Chennai, are also carried out at the press.

## EDUCATIONAL MEDIA CENTRE

The Educational Media Centre owns the onus to disseminate the agricultural / allied technologies generated from the University to the intended clientele, the farming community, SHGs, NGOs and budding entrepreneurs. Need based and location specific technologies that are to be produced is yet another motto. Even the developed department, private agencies and input agencies seek the video centre, to produce video CD lessons, having their achievements and works, in a consolidated documentaries. The unit is co-ordinating with Doordarshan and other private channels like, NDTV, Makkal TV involving them to shoot their own desired plans. This can be strived to extended the video coverage on important functions, events, happenings conducted by various disciplines of the University. This unit also engaged in production of television programmes periodically for telecast through Doordarshan Kendra, Chennai. About 60 video CDs on various subject matter areas were produced by this unit for the benefit of farmers and extension functionaries. Achievements of the centre during the period under report are as follows:

❖ Video CD lessons sold	-	461
❖ Video shows arranged	-	25
❖ Telecast of TV programmes	-	25
❖ Video coverages made on crucial activities	-	76
❖ Video programmes produced	-	20
❖ Coordinated programmes produced	-	39





## 3.6 CONTROLLER OF EXAMINATIONS

A separate Directorate of Controller of Examinations was formed and started functioning from 1997 to monitor the examination related activities of Under Graduate degree programmes and diploma courses. This Directorate is vested with the responsibility of monitoring examination related activities viz. getting question papers from other State Agricultural Universities, fixing examination schedule, conducting semester examinations, arranging for evaluation of answer papers, documentation and dispatch of mark sheets.

During 2004-2005, external evaluation system for masters' degree programmes was introduced for final theory examination and is being followed as per the semester system of education.

### Reforms made

- ❖ Bar coded answer sheets for final examination
- ❖ Preparation of mark sheets with security features

- ❖ Transcript card with security features
- ❖ Students performance analysis
- ❖ Software for different programmes
- ❖ Creation of Website for the Controller of Examinations
- ❖ Refined certain rules and regulation for the diploma programme

### Under Graduate programme

During the academic year 2007-2008, a total number of 3142 students have registered for the courses in twelve undergraduate degree programmes covering 572 courses under odd and even semesters. Semester examinations were conducted during April 2007 and October 2007 and 47,278 answer scripts were evaluated. The results were declared for a total of 594 final year students and the split up details for the degree programmes are furnished below:

S.No	Degree	No. of passed out students
1.	B.Sc., (Ag.)	426
2.	B.Sc. (Hort.)	57
3.	B.Sc. (Forestry)	16
4.	B.Sc. (Home Science)	15
5.	B.Tech (Ag. Engg.)	28
6.	B.Tech (Ag. Biotech)	17
7.	B.Tech (Hort.)	16
8.	B.Tech (FPE)	19

### Post Graduate Programmes

#### i) Master Degree Programme

During the year 2007-2008, a total of 329 students registered in first year first semester, 139 question papers were prepared for a total of 2114 students to write various examinations in 25 disciplines and the pass percentage was 96. In the same year 318 students of 2006-2007 batch registered 152 courses for their second semester in first year. In this semester, a total of 2223 answer papers were evaluated and the pass was 99 per cent. In the case of second year of the 2006-2007 batch first semester, 21 question papers were prepared for 346 students and the pass percentage was 58. Re-appearance examination was conducted twice during the academic year and 99 per cent of students of the 2006-2007 batch successfully completed their courses.

#### ii) Doctoral Programme

A total of 254 students have registered 23

different disciplines in Agriculture, Horticulture, Food Science and Nutrition and Forestry faculties during 2007-2008 and 96 per cent passed out. In the second semester of 2006-2007, 92 students registered in the same 23 disciplines and the pass percentage was 100.

#### Diploma

A total of 483 students have registered for the courses during the year 2007-08 for diploma in agriculture programme in 10 diploma institutes, while one student underwent P.G. diploma in Capital and Commodity market.

#### Open and distance Learning

A total of 177 students have registered during the year 2007-2008 for MBA, M.Sc. (Environmental Management), P.G (Diploma) in Medicinal plants, Bioinformatics and Food Biotechnology through open and distance learning programme.



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## 4. RESEARCH

### 4.1. NEW CROP VARIETIES, FARM IMPLEMENTS AND MANAGEMENT TECHNOLOGIES RELEASED DURING 2008

#### I. NEW VARIETIES

##### 1. RICE CO (R) 49



<b>Parentage</b>	: C 20 / RNR 52147
<b>Duration</b>	: 130-135 days
<b>Season</b>	: Late Samba / Thaladi
<b>Grain yield</b>	: 6286 Kg/ha (11.2% increase over BPT 5204)
<b>Highest yield obtained</b>	: 9750 kg/ha
<b>Area of adoption</b>	: Suitable for cultivation as transplanted rice throughout Tamil Nadu except Virudhunagar, Ramnad, Sivaganga & Nilgiris Districts

##### Special features

- Moderately resistant to blast, Rice Tungro Disease (RTD)
- Yellow stem borer and Green Leaf Hopper (GLH)
- Medium slender white fine rice similar to BPT 5204
- Intermediate amylose content, intermediate gelatinization temperature and high linear elongation ratio on cooking

##### 2. RAGI-PAIYUR (RA)2



<b>Parentage</b>	: Hybrid derivative of VL 145 / Selection 10
<b>Duration</b>	: 115 days
<b>Season</b>	: Rainfed, Adipattam
<b>Yield</b>	: 2527 kg/ha (14.6% increase over GPU 28 and 6.6% increase over Paiyur 1)
<b>Highest yield obtained</b>	: 3150 kg/ha
<b>Area of Adoption</b>	: Dharmapuri, Krishnagiri, Salem and Namakkal districts

##### Special features

- Medium tall, erect and non-lodging plant type
- Resistant to leaf blast & moderately resistant to neck and finger blast
- Nutritionally rich grain (7.2% protein)
- Highly suitable for value addition







### 3. GROUNDNUT VRI (Gn) 7

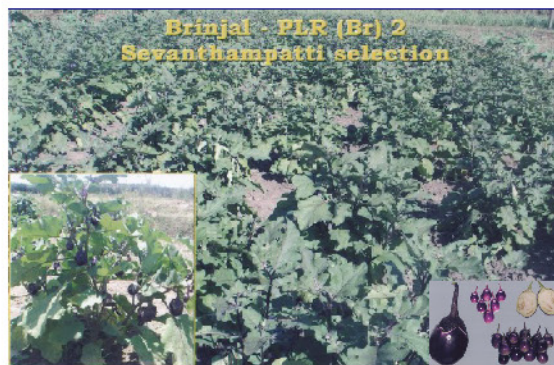


<b>Parentage</b>	: Cross derivative of TMV 1 / JL 24
<b>Duration</b>	: 120-125 days
<b>Season</b>	: Rainfed
<b>Yield</b>	: 1865 kg/ha (19.0% increase over TMV 1 and 14.7% increase over TMV 10)
<b>Highest yield obtained</b>	: 2517 kg/ha
<b>Area of adoption</b>	: Rainfed tracts of Namakkal, Salem, Erode, Dharmapuri and Perambalur districts

#### Special features

- Semi spreading type
- Suited for rainfed conditions
- Moderately resistant to rust and late leaf spot diseases
- Shelling: 72%
- Oil content: 48%
- Seed dormancy upto 45 days non sprouting during harvest

### 4. BRINJAL PLR (Br) 2



<b>Parentage</b>	: Single plant selection from Sevanthampatti village of Trichy Dist.
<b>Duration</b>	: 145 days
<b>Season</b>	: April-May, June-July & December - January
<b>Yield</b>	: 38 t/ha (15.4% increase over PLR 1)
<b>Highest yield obtained</b>	: 42 t/ha
<b>Area of adoption</b>	: Suitable for Cuddalore, Villupuram, Tiruvannamalai, Vellore, Kancheepuram and Perambalur districts

#### Special features

- Fruits are oval in shape, dark purple with pink tinge and glossy
- Suitable for all types of culinary preparations
- Consumer preference because of better taste, flavour, texture & colour
- Moderately resistant to brinjal shoot and fruit borer
- Suitable for all seasons



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## 5. CUMBU NAPIER HYBRID GRASS CO (CN) 4

## 6. GREEN MANURE KOLINGI-MDU (Ko) 1

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**Parentage** : Fodder cumbu CO 8 / Napier grass FD 461

**Parentage** : Pureline selection from Thaniparai local of western ghats area

**Duration** : First cut on 75-80 days after planting and subsequent cuttings at 45 days interval

**Duration** : Green manure 65-70 days  
Seed crop 120-150 days

**Season** : Throughout the year

**Season** : Summer

**Green fodder yield** : 380-400 t/ha/yr  
(32.9% increase over CO 3)

**Biomass yield** : Biomass: 9004 kg/ha  
(70.4% increase over Local type) Seed: 400-500 kg/ha

**Highest yield obtained** : 400 t/ha/yr

**Highest yield obtained** : 9974 kg/ha

**Area of adoption** : All districts of Tamil Nadu

**Area of adoption** : All districts of Tamil Nadu

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### Special features

- Profuse tillering (25-30 / clump) and non lodging
- Ultra soft juicy stem (3.4% Brix)
- More leaf stem ratio (0.71)
- Free from pest and disease
- Oil content: 48%
- Superior ratooning ability (7 cutting / year)

### Special features

- Self sown crop
- Suited for rainfed condition
- High green mass production
- 2.42% nitrogen content in leaves
- Plumy yellow seeds
- Quick and uniform germination (83%)

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## 7. MANILA TAMARIND-PKM (MT) 1 (kodukkapuli)



- Parentage** : Open pollinated seedling selection from Soolakkarai at Virudhunagar district
- Duration** : Perennial
- Season** : June - September
- Yield** : 79 kg/tree/year (30.0% increase over Local type)
- Highest yield obtained** : 125 kg/tree/year (11.85 t/ha)
- Area of adoption** : Throughout Tamil Nadu especially in the rainfed tracts of Southern districts

### Special features

- Tolerates sewage water stagnation and grows well in sandy, saline and alkaline soils
- Regular bearer bears in clusters (2-3)
- Spirally twisted fruits with clear constrictions, pale yellow pods, white attractive aril
- Skin of fruits at maturity turns yellow and seeds turn black

## 8. CASURARINA-MTP (CA) 1



- Parentage** : Clonal selection and multiplication
- Duration** : 30-36 months
- Season** : Planting during rainy season
- Yield** : 100 t/ha (wood) (33.3% increase over Local type)
- Highest yield obtained** : 125 t/ha (wood yield)
- Area of adoption** : Throughout Tamil Nadu particularly in coastal area and also in sandy soil, red lateritic and other well drained inland soils

### Special features

- Fast grower with conical crown structure
- Uniform bole size - straight, clean and cylindrical
- Branches erect medium thick with a branching angle of 45 to 60
- Tolerant to moderate saline and alkaline conditions
- Cellulose above 46%
- Highly responsive to fertilizer application (NPK 50:150:100 kg/ha)

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## II. FARM IMPLEMENTS

### 1. BATTERY OPERATED PORTABLE WETLAND WEEDER



<b>Coverage</b>	: 0.2 - 0.3 ha/day
<b>Weeding efficiency</b>	: 95%
<b>Cost of operation</b>	: Rs.625/ha
<b>Cost of weeder</b>	: Rs.8000/-

#### Special features

- Suitable for weeding in SRI field
- Easy to operate compared to cono weeder
- Operated without experiencing any drudgery

### 2. TRACTOR OPERATED FRUIT-SHAKE HARVESTER



<b>Cost of the unit</b>	: Rs.2600/-
<b>Cost of operation</b>	: Rs.8 per 100 kg
<b>Harvesting efficiency</b>	: 85%
<b>Saving in time</b>	: 95%

#### Special features

- Harvest fruits by shaking branches
- Tractor PTO operated
- Suitable for tamarind, lime and other such fruits







### 3. TRACTOR OPERATED ROTARY SPADING MACHINE



<b>Field capacity</b>	: 1.5 ha/day
<b>Saving in cost</b>	: 26 to 38%
<b>Saving in time</b>	: 96%
<b>Cost of machine</b>	: Rs.1,00,000/-

#### Special features

- For primary tillage
- For deep inter cultivation between rows under hard soils
- For use in rice fallow cotton & coconut garden

### 4. TRACTOR OPERATED SUBSOIL COIR PITH APPLICATOR



<b>Field capacity</b>	: 0.60 ha/day
<b>Depth of coir pith application</b>	: 15-30 cm
<b>Cost of machine</b>	: Rs.20,000/-

#### Special features

- To place mulch of coir pith at a depth of 15 to 30 cm as a sub soil mulch
- Improve soil structure
- Enhance water holding capacity thus increasing yield of rainfed crops



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### III. MANAGEMENT TECHNOLOGIES

#### 1. BOTANICAL BASED SILKWORM UZIFLY OVIPOSITIONAL DETERRENT

##### Details of Technology

Seed extract of the medicinal herb Psoralea (petroleum extract) @ 1000 ppm (1 ml / 1 litre water) acts as ovipositional deterrent for the silkworm uzifly

Increases the larval, cocoon and shell weight and shell ratio

Psoralea treatment reduced larval mortality by 64%

Uzifly pierced cocoon reduced by 55%

and cocoon yield level increased by 24%

Five ml of botanical formulation dissolved in 5 litres of water for spraying 100 dfls of silkworm larvae

##### Benefits

Botanical based ovipositional deterrent

Safer to silkworm

Possess Juvenile Hormone, activity helps in increasing cocoon productivity and economic parameters

Treatments	Yield / 100 dfls 9Kg)	Addnl. cost incurred/ 100 dfls	Addnl. benefits / 100 dfls	Benefit Cost
Psoralea seed extract treated	43.0	Rs.155	Rs.1725	11.25
Untreated control	32.80	-	-	-
Per cent difference over control	23.72	-	-	-

#### 2. IPM FOR THE MANAGEMENT OF SERPENTINE LEAF MINOR LIRIOMYZA TRIFOLII BURGESS IN VEGETABLES

##### Details of Technology

Removal of alternate host plants of fabaceae, solanaceae and cucurbitaceae

Planting one row of sorghum / maize at every 10 m of tomato / brinjal

Install yellow sticky trap @ 1-2 traps / cent

Spray NSKE 5% (50g/lit) or azadirachtin (0.3%) @ 3.0 ml/lit alternated with chlorpyrifos 20 EC @ 2.5 ml/lit or triazophos 40 EC @ 1.0 ml/lit

Conservation and augmentation of the

larval parasitoid, *Chrysonotomyia rexia*

##### Benefits

20 to 40% less damage

Minimum use of insecticides

Conservation of natural enemies

Low cost of production

Environmental protection

##### Economics

Cost Benefit Ratio (CBR) = 1:2.9





### 3. SLOPE STABILIZATION TECHNOLOGY

#### Details of Technology

Slope Stabilization Technology includes the combination of the following components on the engineered slopes of less than 23° angle at mine spoil area mainly to arrest the soil erosion.

Tree Pit size: 1.0 x 1.0 x 1.0 m

Tree Spacing: Top bench: 3.0 x 3.0 m; Middle bench: 5.0 x 5.0 m; Bottom bench: 8.0 x 8.0 m

Input mixture: TNAU Pit mixture (Mine Spoil+Red Earth+Farm Yard Manure+Fly Ash+ [Press Mud+Distillery Spent Wash+Town Compost] @ 1:1:1:1:1) can be used for filling the pits.

Trees: Top slope: *Leucaena leucocephala*, *Cassia siamea*; Middle slope: *Ailanthus excelsa*, *Dalbergia sissoo*; Bottom slope: *Muntingia glabra*, *Melia azaderach*

Shrubs: Common to all slopes  
*Agave sisalana*: Spacing 3 x 0.45 m;  
*Bougainvilleae spectabilis*: spacing 3x1.5m

Grasses: Common to all slopes  
*Bracharia mutica* : Spacing : 0.3 x 0.3 m;  
*Cynodon dactylon* : Spacing : 0.3 x 0.3 m;  
*Vetiveria zizynoides*: Spacing: 0.3x0.3m

Creepers / Soil binders: *Calapogonium mucunoides*, *Mucuna coronaria*, *Ipomea biloba*, *Tidonia viscosa* as direct seeding on slopes

#### Benefits

Slope stabilization technology is highly suited to protect the slope structure from soil erosion.

This technology package will aid in better adoption by mining industries.

The mining industry at Neyveli is planning to extend the slope stabilization technology on the peripheral area of the remaining dumped soil at each mine in the coming years, which in turn ensures eco health and stability to the mined area.

The mining industries easily get environmental clearance for further activities of mining from Ministry of Environment and Forest and aesthetic value of mined area has been possible to be brought on the dumped area.

#### Economics

Total expenditure incurred for adopting this technology in one hectare area at NLC mine slope was around Rs.42.00 lakhs.

This technology on environment rehabilitation involved more cost rather than additional return.

However, the aesthetic value of the degraded system is improved for which the real value and benefit cost cannot be assessed/compared.

### 4. TNAU PANCHAGAVYA TECHNOLOGY

#### Details of Technology

For preparing 20 litres of Panchakavya, the following inputs are required;

Cowdung	: 5.0 Kg
Cow urine	: 3 lits.
Cow's milk	: 2 lits.
Cow's curd	: 2 lits
Cow's ghee	: 1 lit.
Sugarcane juice	: 3 lits.
Tender coconut water	: 3 lits.
Ripened banana	: 1 kg.

For preparing panchagavya, ghee is mixed with cow dung and kept for 3 days. On the 4<sup>th</sup> day all the other were added to a wide mouthed mud pot and kept open under shade.

The contents were stirred twice a day for about 20 minutes, both in the morning and evening to facilitate aerobic microbial activity.

In addition, before spraying, the filtrate is being mixed with *Pseudomonas* @ 5 ml / L having a population of 10<sup>9</sup> cells/ml and a bio stimulant such as humic acid @ 1 ml is added.

Fifteen days after the preparation, from the stock solution 3% concentration is prepared and sprayed @ 500 litres ha<sup>-1</sup> using hand-operated sprayer with high pore size nozzle.

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## Benefits

- Panchagavya acts as organic manure, biostimulant and gives resistance against pest and diseases

It contains all macronutrients, micronutrients and growth hormones (IAA and GA) required for crop growth

Panchagavya contains the beneficial microbes such as yeast and *Lactobacillus* which produces antibiotics which are effective against pathogenic bacteria and fungi besides its growth promoting effect.

Cow's urine contains uric acid which acts as manure and hormones.

Tender coconut water is a cheaper substitute for kinetin which increases the chlorophyll content.

Seed treatment with panchagavya enhances germination of seeds and vigour index of seedlings

accommodating 100 trees per hectare. Under this system, due to less number of trees the productivity per unit area is low. In the normal spacing the tree canopy takes 8 years to cover the area. Hence high density planting system is suggested for higher productivity and efficient utilization of land and other natural resources.

Double hedge row system (10x5x5 cm) can accommodate 222 plants/ha compared to 100 trees/ha in conventional system of planting (10m x 10m). The increased population is around 122%.

### Double hedge row planting

*---5 m ---*	*-----10 m -----*	*---5 m ---*
5 m		5 m
*---5 m ---*	*-----10 m -----*	*---5 m ---*
5 m		5 m
*---5 m ---*	*-----10 m -----*	*---5 m ---*

## Economics

The cost of production of a litre of panchagavya is around Rs.35 to 40/- The production cost can be brought down substantially if the farmers use their own cows' products. Hence, it is cost effective over other commercial growth formulations.

The panchagavya is diluted to 3% and sprayed on crops to get the best results and for covering one hectare of area, 500 litres of solution is required.

## Benefits

More plants can be accommodated (122% increase in population over the square system of planting) per unit area

More yield can be obtained (9.45 t/ha) compared to square system (5.05 t/ha)

## Economics

The increased yield in double hedge row system is 88% over conventional system.

The yield in double hedge row system is 9.45 t/ha with a cost benefit ratio of 5.82 compared to conventional system (5.05 t/ha with a cost benefit of 5.05).

## 5. HIGH DENSITY PLANTING IN MANGO

### Details of Technology

Mango trees are normally planted by farmers at a spacing of 10 x 10m





## 4.2 AGRICULTURAL CROPS (FOR ADOPTION)

### RICE

#### CROP MANAGEMENT

##### 1. Biofertilizer for rice

Application of 75 % N & P + Azophosmet @ 2 kg/ha is recommended for rice

The fine tuned IPDM module recorded reduced stemborer (2.87% deadheart and 5.48 % white ear), leaffolder (3.65 %), blast (13.5 PDI), brown spot (24.69 PDI) and sheathrot (14.39 PDI) incidence coupled with enhanced natural enemy activity (spiders and mirids), grain yield (6057 kg/ha) with a net gain of Rs.6786/ha.) compared to existing IPDM module and farmers' practice .

#### CROP PROTECTION

##### 1. Evaluation of fine-tuned Integrated Pest and Disease Management (IPDM) module in hybrid rice (CORH 3)

Treatment	SB (%)		LF (%)	Blast (PDI)	Brown Spot (PDI)	Sh. rot (PDI)	NE (No. / hill)		Yield (kg/ha.)	Net gain (Rs/ha)
	DH	WE					Spider	Mirid		
T <sub>1</sub> - Fine-tuned module	2.87	5.48	3.65	13.5	24.69	14.39	2.71	3.31	6057	6786
T <sub>2</sub> . Existing module	5.40	6.33	5.42	17.5	29.53	18.94	2.55	2.74	5705	2122
T <sub>3</sub> . Farmers' practice	8.46	8.55	8.61	31.9	38.85	26.30	0.99	1.89	5259	-

Fine tuned IPDM module is recommended for the management of major pest and diseases of hybrid rice.

##### 2. Rice leaf folder and stem borer management using *Beauveria* and *Pseudomonas Pfl.*

Spray application of *Beauveria* + Pf1 foliar spray at (5+5 g/lit) recorded reduced stemborer (3.54%) and leaffolder incidence (5.08 %) with a highest grain yield of 3970 kg/ha with a net gain of Rs 3365 compared to 16.24 and 9.8% of stem borer and leaf folder incidence respectively in untreated check.

##### 3. Evaluation of newer fungicide (Tricyclazole + Mancozeb combination product) for the management of blast, brown spot and grain discoloration in rice

The combination product of Tricyclazole + Mancozeb (TMP) (0.25 %) recorded the least incidence of blast (24.2 PDI), brown

spot (24.9 PDI), sheath rot (13.1 PDI) and grain discoloration (29.3 PDI) as against the maximum severity of blast (45.0 PDI), brown spot (52.8 PDI), sheath rot (32.7 PDI) and grain discoloration (48.0 PDI) in untreated control. With respect to the grain yield the newer molecule TMP at 0.25 % recorded the highest grain yield of 4767 kg/ha as against 3834 kg/ha in untreated control. The combination product of TMP can be recommended as alternate chemical for the management of blast, brown spot, sheath rot and grain discoloration.

##### 4. Evaluation of newer fungicide Zineb + Hexaconazole (combination product) for the management of rice sheath blight

A combination product of Zineb + Hexaconazole (0.20 %) was found effective in minimizing the sheath blight incidence (21.4 PDI) as compared to untreated control which recorded the highest disease incidence (48.6 PDI). Besides, the combi product of Z + H also

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reduced the incidence of brown spot (28.6 PDI) and grain discolouration (30.8 PDI).

With regard to grain yield, the newer molecule Z + H (0.25 %) was found significantly superior in recording the highest grain yield (4771 kg/ha) as against the untreated control which registered the lowest grain yield of 3777 kg/ha.

### **Bio-intensive nematode management strategy for rice under SRI**

Application of Super *Pseudomonas* as not nematode, *Meloidogyne graminicola* by 67.73% and increased grain yield by 10.5% under SRI conditions with a net gain value of Rs. 7191 /ha.

seed treatment @ 10 g/kg of seed decreased the population of rice root nematode, *Hirschmanniella oryzae* and root-knot nematode, *Meloidogyne graminicola* by 67.73% and increased grain yield by 10.5% under SRI conditions with a net gain value of Rs. 7191 /ha.

## **MILLETS**

### **CROP MANAGEMENT**

#### **1. Fertilizer dose for hybrid maize (CO H(M) 5)**

Application of 150:75:75 kg N, P<sub>2</sub>O<sub>5</sub> & K<sub>2</sub>O /ha (N & K split application) along with zinc sulphate @ 37.5 kg/ha is recommended

#### **2. Weeder for maize**

Twin wheel hoe weeder is recommended for manual weeding

#### **3. Drip fertigation in maize**

NPK at 150 % recommended dose (P as basal, N & K in splits) is recommended

## **PULSES**

### **CROP MANAGEMENT**

#### **1. Mechanical weeding for pulses**

Spacing of 60 x 10 cm with mechanical weeding (Diesel Engine Operated Power Weeder) for higher grain yield of blackgram and green gram in red and black soils

#### **2. Value addition of pulses**

Health mix products of blackgram viz., biscuits, sweet ball and sweet bars for better health

#### **3. Foliar spray for pulses**

Foliar spray of CCC @ 200 ppm at pre flowering stage for higher yield in greengram and blackgram

Hormone based nutrient mix spray @ 200 ml/ha during flower initiation stage for blackgram and green gram

## **CROP PROTECTION**

#### **1. Management of powdery mildew disease using plant oils in Greengram**

Foliar application of Eucalyptus oil 30 EC (0.2%) twice at initial stage of disease appearance and 15 days later effectively reduced the powdery mildew incidence (2.07 grade) and increased the yield (711.4kg/ha) with the B:C ratio of 1: 1.64, as against the maximum disease incidence of 4.87 grade with minimum seed yield of 432kg/ha in green gram. Though chemical treatment is effective, in lieu of eco-friendly approach, foliar application of Eucalyptus oil 30 EC is recommended.

## **OIL SEEDS**

### **CROP MANAGEMENT**

#### **1. Redefined fertilizer schedule for Groundnut and Sunflower (Variety)**

Groundnut : 25: 50: 75 NPK kg /ha  
Sunflower : 60: 30: 30 NPK kg /ha

#### **2. Drip fertigation for sunflower based cropping system**

Drip irrigation at 100 % PE with fertigation at 125 % RDF (75: 40: 40 kg NPK /ha) for irrigated sunflower based cropping system

#### **3. Integrated weed management in groundnut**

Broad leaved weeds dominance : PE  
Pendimethalin 0.75 kg / ha + POE  
Imazethapyr 50 g /ha on 20 DAS





Grass and Broad leaved weeds dominance : PE Pendimethalin 0.75 kg / ha + HW and earthing up + lay by application of Pendimethalin 0.75 kg /ha on 40 DAS

#### 4. Integrated weed management in castor & sesame

Castor: PE pendimethalin @ 1.0 kg /ha + Peg rotary weeder on 40 DAS

Sesame: Peg rotary weeder weeding on 20DAS+HW and earthing up on 40DAS

### CROP PROTECTION

#### 1. Integrated Management of groundnut defoliators

##### IPM module

- Seed treatment with *T. viride* @ 4 g/kg of seed
- Trap cropping with castor
- Pheromone trap @ 12/ha
- Bird perches (Bamboo stacks) @ 50/ha
- NSKE 5% (Twice)

The above IPM module recorded the minimum defoliation (4.4 & 21.6%) and recorded higher yield of 1430 kg pods/ha with more number of natural enemies with a CBR of 3.6 compared to 1475 and 1245 kg pod yield /ha in recommended and farmers practice.

#### 2. New microbial consortia of PGPR and *Beauveria* for pest and disease management in sesame

*Pf*-TDK1 as seed treatment (10 g/kg), SA (2.5 kg/ha 30, 45 DAS) and foliar application of *Beauveria* (0.5%) on 20 and 45 DAS recorded more yield (675 kg/ha) and CBR (1.61) with reduced incidence of root rot (3.74%) and shoot webber (4.10%). New microbial consortia of PGPR and *Beauveria* are recommended for pest and disease management in sesame.

#### 3. Eco-friendly management of pod bug in sesame

Removal of crop residues + foliar application of NSKE 5% at 1 day before harvest+ light trap @ 1no./ heap + Carbaryl 10% D @ 500 g/heap is recommended for the management of podbug.

#### 4. Designer seed for pest and disease management in Sunflower

Sunflower designer seed module comprising of polymer 3g/kg + Carbendazim 2g/kg + imidacloprid 5g/kg + Azospirillum 120g/kg is recommended for the management of pests and diseases .

### COTTON

#### CROP MANAGEMENT

##### 1. Biofertilizer for cotton

Azospinosmet @ 500 ml (10<sup>12</sup> cells per ml) diluted to 100 liters per hectare through biofertilization along with 75% RDF as water soluble fertilizer is recommended

##### 2. Fertilizer dose for Bt hybrid and ELS

###### Bt hybrid

Application of 120: 60 : 60 kg NPK /ha for higher yield and net returns

###### ELS

Application of 150 : 75 : 75 kg NPK /ha for ELS cotton with foliar nutrition (polyfeed + multi K) is recommended

##### 3. Herbicide application

Pre emergence application of Pendimethalin @ 1.0 kg /ha followed by power weeding on 40 DAS is recommended

### SUGARCANE

#### CROP MANAGEMENT

##### 1. New clone for release

Promising new clone for release is 20c141

##### 2. Revised fertilizer schedule for western tracts of Tamil Nadu

Major nutrients: Application of 275: 62.5: 200 kg N, P<sub>2</sub>O<sub>5</sub> & K<sub>2</sub>O /ha

Micronutrients: Soil application of CuSO<sub>4</sub> @ 5 kg/ha in addition to 100 kg FeSO<sub>4</sub> & 37.5 kg ZnSO<sub>4</sub> per hectare. Alternatively foliar spray of 0.2% CuSO<sub>4</sub> along with 1.0

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%  $\text{FeSO}_4$  and 0.5%  $\text{ZnSO}_4$  twice during early growth phase.

### 3. Weeding in sugarcane

Hand weeding twice on 4<sup>th</sup> and 7<sup>th</sup> week of ratooning or application of Metriburine @ 1 kg a.i./ha + one hand weeding on 45 days after ratooning.

has been developed for bimethanation of coffee processing wastewater

2. Microbial consortia for degrading coffee pulp waste has been developed
3. Application of paperboard sludge vermicompost  $3.5 \text{ t ha}^{-1}$  + 100 per cent NPK under treated effluent for *Celosia*
4. GIS product for crop selection in Cauvery Delta Zone under different water availability situation and GIS tool on Block level soil resource formation system for Tamil Nadu have been developed

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## PALM

### CROP MANAGEMENT

#### 1. Fertilizer for coconut nursery

Split application of NPK @ 40 : 20 : 40 kg  $\text{ha}^{-1}$  at 6<sup>th</sup> and 9<sup>th</sup> months after sowing seednuts produces high quality seedlings and growing of sunhemp between the seedlings to reduce the weed growth is recommended.

#### 2. Organic manure substitution for coconut

Application of 100% N through composted coirpith + P and K as chemical fertilizers (or) 50% N through composted coir pith + balance NPK as chemical fertilizers is recommended

3. Composting technology for utilization of Oilpalm waste has been developed ratooning or application of Metriburine @ 1 kg a.i./ha + one hand weeding on 45 days after ratooning.

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### CROP PROTECTION

#### 1. Development of IPM strategies for sugarcane woolly aphid

The IPM module comprising of intercropping of groundnut and border cropping of cowpea, release of *Dipha aphidivora* @ 1000 larvae/ha at initial stage of infestation and second release 15 days later and six releases of *Trichogramma* from 4<sup>th</sup> month onwards @ 2.5 cc /release at an interval of 15 days is recommended for the management of sugarcane woolly aphids.

#### 2. Honey bee

Single brood comb stabilization technique is recommended for stabilizing newly captured stingless bee colonies.

#### 3. Bio-efficacy of imidacloprid against tobacco aphid *Myzus persicae*

Imidacloprid @ 250 ml /ha is recommended for the management of tobacco aphids.

#### 4. Foliar nutrition for higher silk yield

In mulberry, foliar application of 1 % urea on 25<sup>th</sup> day of pruning resulted in higher leaf yield (0.987 kg/plant), increased cocoon weight (1.49 g) with an additional income of Rs. 3, 640 as against 0.623 kg leaf yield and 1.21 g cocoon weight in unsprayed crop.

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### CROP PROTECTION

#### 1. Management of lethal leaf blight of coconut

Root feeding with Carbendazim 2% thrice at quarterly intervals was effective in reducing the leaf blight intensity and increased the nut yield.

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## NON CROPS

### CROP MANAGEMENT

1. Psychrophilic methanogenic consortia







## 4.3 HORTICULTURAL CROPS (FOR ADOPTION)

### CROP PROTECTION

#### 1. Management of Tea Mosquito Bug, *Helopeltis antonii* on Cashew

Profenophos 0.05% is recommended for the management of Tea Mosquito Bug.

#### 2. Management of Basal rot of onion

Bulb treatment with *T. viride* @ 4g/kg+ SA @ 2.5+VAM 12.5 Kg/ha effectively reduced the onion basal rot.

#### 3. Management of Tospovirus incidence in tomato

Imidacloprid 0.0375% on 7 days after planting (DAP); *Pseudomonas fluorescens* + Buttermilk on 15 DAP; Monocrotophos on 30 DAP; *Pseudomonas fluorescens* + Buttermilk on 45 and 60 DAP is recommended for the management of Tospovirus in tomato.

#### 4. Management of rootknot nematode in snake gourd

Neem Cake @ 30 g/plant as spot treatment 10 days prior to sowing is recommended for the management of rootknot nematode in snake gourd.

#### 5. Biomangement of Nematode disease complex in medicinal coleus

Medicinal coleus cuttings dipped in 0.1% *Pseudomonas fluorescens* at planting + marigold (*Tagetes erecta*) intercrop uprooted at the time of earthing up (60-70 DAP) effectively reduced the nematode population by 66.7 %, root rot disease incidence by 45.3 % and increased the yield by 45.3 % with a net gain of Rs 22,150/ha.



## 4.4 FORESTRY (FOR ADOPTION)

#### 1. Development of new variety in Casuarina

A new variety namely MTP CA 1 has been released as new variety suitable for pulp and paper industry with an average yield of 100 tonnes /ha. The variety is a clonally selected and multiplication is through sprigs. The population density of 1770/ acre are recommended for adoption.

#### 2. New Hybrids in Jatropha

Through *Jatropha* back cross breeding 27 variable derivatives were identified based on yield, oil content, size and shape of fruits. Among these hybrid derivatives two hybrids clones viz., FC&RI HC 21 & FC&RI HC 32 were registered with NBPGR for further utilization

#### 3. Mass multiplication technique for bamboo species

Mass multiplication technique studied with three different bamboo species viz., *Dendrocalamus strictus*, *D. giganteus* and *Bambusa bamboos* species through vegetative propagation revealed that selection of one year old culms from four to six year old mother culms adapting furrow and rill method (sowing the

entire culms in soils at half inches depth) with regular watering resulted in good rooting irrespective of months of sowing and species, without any hormonal treatment. On evaluation on month of sowing for effective rooting, October to February sowing was found to be the best for effective rooting.

#### 4. Popularization and Commercialization of Grain Amaranthus

Results of the consecutive trails made at Mettupalayam for three years from 2003 to 2006 with 16 entries showed that Suvarna (national variety) performed better with a grain yield of 18-20 q/ha. Front Line Demonstrations conducted at farmers' field (Karamadai) and KVK (Cheyyar) also confirmed the better performance of Suvarna in our state. For commercialization of this lysine rich and high yielding Suvarna, a consultancy programme with a tripartite approach involving TNAU, Mediphyta Private Ltd., Chennai and farmers was designed in which the seed supply and technical expertise would be given by TNAU, crop cultivation by farmers and buy-back guarantee by the Company.





## 4.5 CENTRE FOR PLANT MOLECULAR BIOLOGY

### Plant Molecular Biology and Biotechnology

- ◆ One BC<sub>1</sub>F<sub>1</sub> progeny of IR20 and one BC<sub>1</sub>F<sub>1</sub> progeny of IR 64 rice with three drought tolerance QTLs on chromosome 4 and 9 obtained through marker aided selection.
- ◆ Three Golden rice events were hybridized with ASD16 and ADT43 to introgress phytoene synthase and phytoene desaturase genes. By back crossing with respective recurrent parent(s), BC<sub>2</sub>F<sub>1</sub> plants were generated. The positive plants among BC<sub>2</sub>F<sub>1</sub>s were checked through PCR using transgene specific primers and confirmed with specific PCR primers.
- ◆ New *cry1Aa*, *cry1Ab* and *cry1Ac* genes were cloned from indigenous isolates of Bt. Two chimeric *cry1A* genes were also constructed. Studies on expression of parental and chimeric *cry1A* genes in recombinant bacterial strains are in progress.
- ◆ Among the 120 new isolates of Bt screened for toxicity against *H.armigera*, three showed 100 per cent mortality as in the case of the reference strain, HD1. Among the 112 new isolates of Bt screened by PCR, one or more of the following five cry genes (*cry1*, *cry2*, *cry4*, *cry9* & *cry10*) were present in 80 new isolates.
- ◆ The four combinations of brinjal Co2 x EE1, MDU1 X EE1, KKM1 x EE1 and PLR1 x EE1 were used to generate BC<sub>4</sub>F<sub>1</sub> seeds. Multilocation trials on transgenic Bt Brinjal varieties are being conducted in two locations in Coimbatore and Madurai.

### Agricultural Microbiology

#### Azophosmet

- ◆ This is a co-culture formulation of three

bio-fertilizers such as Azospirillum, Phosphobacteria and Methylobacterium. The methylobacterium fixes atmospheric nitrogen and produces plant growth promoting substance. Application of Azosphos will provide nitrogen, phosphorus and also growth promoting substances. This is more suitable for sugarcane, cotton and rice. The application of this formulation will reduce two third of bio-fertilizer cost.

#### Liquid Bio-fertilizer

- ◆ The shelf life of carrier based bio-fertilizer is relatively short i.e. about three months due to non availability of nutrients, where as shelf life of Liquid Bio-fertilizer is one year with zero contamination levels. The liquid bio-fertilizer is highly effective in Bio-fertigation and comparatively more efficient than carrier based inoculants. This is also useful for phyllosphere spray.
- ◆ Consortia of beneficial microorganisms were formulated as liquid culture. Two sprays on 15 and 45th day after planting applied to tomato, brinjal, banana and roses under precision farming in Dharmapuri and Krishnagiri districts at five locations, showed an average yield increase of 8-10% over control besides enhancing the growth and nutrient status.

#### Bio-fertigation

- ◆ The liquid Bio-fertilizer Azospirillum, Phosphobacteria, Methylobacterium and co-culture Azophosmet is more suitable for Bio-fertigation. Bio-fertigation of Bio-fertilizer such as Azospirillum, Phosphobacteria and Methylobacterium or combination of these bio-fertilizers or Azosphosmet (Co-culture) prior to inorganic fertilizer is more suitable for cotton, coconut and sugarcane. We could reduce 25% of inorganic nitrogen and phosphorus fertilizer.





## 4.6 DIRECTORATE OF PLANNING AND MONITORING

- ◆ The Planning and Monitoring unit of TNAU functions as an independent Directorate since January 2003. The major focus of this directorate is on planning, monitoring and evaluation of various development programmes and activities of the Tamil Nadu Agricultural University.
- ◆ This directorate monitors and evaluates the growth and development of colleges, directorates, departments, research stations, krishi vignan kendras and other units of TNAU and suggests special schemes which will improve the research and resources of the university. As a liaison unit between the university and government departments, this directorate processes new research scheme proposals for getting funds from the government and takes steps for implementing various schemes for the benefit of the farming community.
- ◆ The directorate maintains the information of all the sanctioned research schemes and also the informations regarding all the new research proposals sent for sanction to various funding agencies
- ◆ The directorate of Planning and Monitoring shoulders the responsibility in preparing the annual report of the university both in Tamil and English and submit to Government of Tamil Nadu before the budget session of legislative assembly, every year.
- ◆ Various day to day activities of the University is published for the information of our stakeholders by way of TNAU News Letter, every month.
- ◆ This office assesses and monitors the demand for manpower strength to carryout teaching, research and extension activities of the university and takes care of all the activities regarding AHRDP.

### Reports generated

- ◆ TNAU annual report in Tamil and English (yearly publication)
- ◆ TNAU News Letter (monthly publication).



## 4.7. WATER TECHNOLOGY CENTRE

- ◆ Reinforcing of packages of technology, services and public policies led to the birth of green revolution in India during sixties of the last millennium. Though the green revolution has provided appreciable relief on the food front and supported, interactively with industry and trade development, a substantial rural development, some limitations and unfavorable effects have also been witnessed in the country.
- ◆ Green revolution induced exploitative agriculture with short term profit motive has caused considerable depletion of the finite natural resources particularly of soil fertility. At the same time, the increased demands of the increasing population necessitate increased production and productivity and sustaining it over time. Thus, intensification has to be continued in order to ensure continued supply of food which is the top most one in the hierarchical order of human needs.





## Achievements of TN-IAMWRAM Project

Particulars	Area demonstrated (ha)
SRI in rice	1299
Rice fallow pulses	695
<b>Production technology</b>	
Gingelly	46
Maize (Hybrid)	398
Castor (Hybrid)	75
Sunflower(Hybrid)	35
Cotton (Hybrid)	120
Groundnut	337
Garden land pulses	152
Casuarina saucer planting method	63
Aerobic rice	4
Production technology for thronless bamboo	20
Intercropping of cocoa in coconut	100
Model village and organic farming	180

### SRI yields at different sub basins

Name of the Farmer & sub-basin	Paddy (Kgha-1)		% of increase
	SRI (Variety)	Conventional	
Th. T. Renganathan, Aliyar	6475 (White Ponni)	4700	38
Th. C. Palanivel, Arjunanadhi	7350 (TRY 1)	5250	40
Th. K. Shanmugam, Manimuthar	8750 ADT 39	4750	84
Th. C. Ravi, Upper Vellar	9750 ADT 39	6560	49
Tmt. Vijayalaxmi, Varahanadhi	7636 (BPT 5204)	4688	63

### Improved production technology of hybrid castor

Sl. No.	Village Name	Average yield (kg/ha)
1	Mullaivadi	2695
2	Athanoorpatti	3531
3	C.N.Palayam	3375
4	Kottavadi	2820
5	B. Karadipatti	2205





## 4.8 CENTRE FOR AGRICULTURAL RURAL DEVELOPMENT STUDIES

- ◆ The Centre for Agricultural and Rural Development Studies (CARDS) was established in 1978 as the first multi disciplinary centre of the Tamil Nadu Agricultural University to carry out research in socio economic issues concerning agricultural and rural development. Initially the Centre comprised Agricultural Economics and Agricultural Extension Departments and the Department of Agricultural and Rural Management was added to it during 2000. Ford Foundation Grant and Agricultural Human Resources Development Project (AHDRP) helped CARDS to develop the expertise in areas of resource economics, economic growth, planning and development, marketing and international trade, rural development, economic policy and related areas in rural social sciences.
- ◆ The primary mandate of CARDS is to contribute for informed debate on agricultural and rural development policy-making in Tamil Nadu. However keeping in view the commitments of the TNAU and the broader vision, the faculties of CARDS have been able to focus on several issues in agricultural development at the State and Country levels. During last five years of work, the faculty members have completed more than 60 research projects and published large numbers of research papers.
- ◆ The Centre is engaged in research and extension activities to generate data and information on agricultural and rural development perspectives and priorities. One of the major ongoing research projects in this direction is the Comprehensive Scheme on Cost of Cultivation of Principal Crops in Tamil Nadu, fully funded by the Government of India. The data on various aspects of crop production are collected, computerized and analyzed for assisting the Government of India in fixing support prices for major crops.
- ◆ The State Agricultural Marketing Board has instituted a Professional Chair in the Department of Agricultural Economics since 1983 to strengthen education, research and training in agricultural marketing. Currently this Chair is working with marketing issues of agri-horti commodities and Supply chain management of fruits and vegetables.
- ◆ To create awareness among agricultural scientists about Trade Marks and Copyright Protection, Plant Variety Protection, Intellectual Property Rights, Types of Patents and Methods of Patenting, an unique Intellectual Property Education Research and Public Outreach Programme is carried out at this centre.
- ◆ A technical cell named Domestic Export Market Intelligence Cell (DEMIC) is to disseminate real time price information and domestic and export market intelligence on agricultural commodities through radio, television and newspapers for better scientific decision-making by farming community, traders, firms and researchers. This type of price forecasting is the first of its kind, offered by an Agricultural University in the country. An exclusive website has been created for DEMIC both in English and Tamil for dissemination of market information ([www.tnagmark.tn.nic.in](http://www.tnagmark.tn.nic.in)).
- ◆ Number of research projects in the field of natural resource economics, climate change, food policy, poverty, and various aspects of rural development have been taken up. Recently, CARDS has completed the preparation of perspective plan for wasteland development for all the districts of Tamil Nadu. The centre has carried out a number of projects on various policy issues to assist the state Government relating to agricultural and rural development
- ◆ The CARDS is offering the Master of Business Administration (MBA) programme and also B.S Agribusiness Management (BS(AM)) this year onwards in addition regular B.Sc.(Ag), M.Sc.(Ag.) and Ph. D. Programmes, which aim at synergizing technical and managerial skills in agriculture and allied fields. Policies of globalization have opened up opportunities which demands professional managerial skills in agribusiness sector.

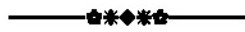
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❖ CARDS also conducts entrepreneurship development training programmes for agricultural graduates through “Establishment of Agri-Clinics and Agribusiness Centres” sponsored by the Government of India, (Small Farmers Agribusiness Consortium, New Delhi) and implemented by the MANAGE, Hyderabad. Totally four trainings were conducted for 54 candidates out of which

21 candidates have setup Agriculture and Agribusiness centres

◆ To identify “rural innovations” in the farming sector and to promote the same for the outreach to other parts of the State / Country an innovative research project in collaboration with L-RAMP, USAID Foundation and IIT, Chennai is being carried out in this Directorate



## 4.9. DIRECTORATE OF AGRIBUSINESS DEVELOPMENT

The Directorate of Agri Business Development is functioning at TNAU since February 2007. The following are the objectives and activities initiated.

### Objectives

- ◆ To Coordinate of all agribusiness related activities within TNAU
- ◆ To strengthen market access and linkages for growers with processors, domestic distributors, exporters and importers and reinforce their capacity to meet market demand more effectively.

### Activities

◆ Venture Capital scheme is an innovative programme of TNAU with twin objectives of helping farmers with provision of quality agricultural inputs and generation of revenue to the University through sale of products. In the year 2007-08, totally 127 Venture Capital schemes were operated at various Colleges/ Research stations/ KVKs. From the above schemes agricultural inputs viz., breeder and TFL seeds of improved varieties of agricultural crops, Hybrid seeds of agricultural and horticultural crops, seedlings and grafts of fruit crops, biocontrol agents, biofertilizers, vermicompost, forestry seedlings etc., were produced and sold to the farmers, private and Government organizations. Besides production of agricultural inputs,

trainings were also offered to the farmers and entrepreneurs on production of vermicompost, mushroom cultivation, food processing, urban horticulture etc. From the above schemes, 25 % of the total receipts i.e. Rs.1.02 crores was received towards institutional charges to the University as revenue. Remaining 75% of the receipts were utilized by the respective institutions for the developmental activities like creating lab facilities and other infrastructure development, purchase of farm equipments and machineries, etc.

- ◆ A total number of 37 consultancy services were offered from TNAU during the year 2007-08, in the areas of bio-energy, environment sciences, entomology, mushroom production, soil mapping, value addition and quality improvement of agro products, establishment of biofertilizer, mushroom, food processing units, precision farming on oil palm and medicinal crops.
- ◆ In TNAU, number of improved crop varieties and technologies are developed and released every year. However, many of the above are not reaching the needy groups in time. Hence, with the objectives of technology transfer and generation of revenue to the university, the process of commercialization was initiated recently and the process is in progress. In this connection, an MoU was also signed with ICRISAT, Hyderabad







## 5. DIRECTORATE OF EXTENSION EDUCATION

The Directorate of Extension Education (DOEE) is primarily responsible for expeditious transfer of the latest technologies emanating from various research programmes of the Tamil Nadu Agricultural University to the farming community and extension personnel.

### 5.1. Krishi Vigyan Kendras (KVKs)

Krishi Vigyan Kendras are functioning in all the district of Tamil Nadu except Chennai and Ariyalur. Out of 29 KVKs, 14 KVKs are under Tamil Nadu Agricultural University and are located in Madurai, Sirugamani, Tindivanam, Vriddhachalam, Vamban, Virinjipuram, Pechiparai, Sandhiyur, Ramnad, Sikkal, Tirur, Needamangalam, Aruppukkottai, and Papprapatti, 3 ICAR KVKs (Kancheepuram, Namakkal and Sivagangai) under TANUVAS, 10 ICAR KVKs under Non-Governmental Organizations (NGOs) and 2 ICAR KVKs (Coimbatore and Dindigul) under Deemed University. All the ICAR funded KVKs in Tamil Nadu are under the technical control of Director of Extension Education, TNAU, Coimbatore. KVKs are functioning with the following mandates

- ◆ To organize skill oriented vocational training to farm men, farm women and youth in agriculture and allied fields.
- ◆ To conduct on-farm testing in farmers' fields/holdings.
- ◆ To conduct Front Line Demonstrations (FLDs) in cereals, horticultural crops, pulses and oilseeds
- ◆ To organize training for the field level extension functionaries of development departments
- ◆ To carry out various technologies through the extension activities for the benefit of farming communities.

#### Training to Pro Deputy Collectors

Two training programmes of 7 and 3-day durations were organized to a total of seven Probationary Deputy Collectors of Tamil Nadu Government in October 2007 and January 2008.

#### AgriIntex -2007

Participated in the Agri Intex 2007 organized by CODDISSIA for five days from 22.11.07 to 26.11.07. The KVK, Coimbatore facilitated the exhibition with the active participation of all the Directorates by exhibiting research findings and technologies. Seminars and interactive sessions were held on these days on topics viz. Precision farming, contract farming, recent trends in coconut cultivation, post harvest technology and farm machineries.

#### Exhibitions

An exhibition was arranged during the 'Farmers Interactive Meeting' held with the Honorable Minister for Agriculture on 23.06.2007. The KVK, Coimbatore facilitated it and the new varieties, implements and technologies released during 2007 were displayed in the exhibition.

Participated in the South Indian Agriculture Fair 2007 held at Kerala Agricultural University, Trissur from 21.12.07 to 30.12.07 with focus on 'Post harvest Technologies'.

#### Training to Horticulture Officers of TANHODA under NHM

Five day trainings to Horticulture Officers of TANHODA were organized for three batches of 50 consultants each, in April 2007.

#### Training to Agricultural Officers

Five State Level Training programmes of 2 - day duration each were conducted on maize for the benefit of Agricultural Officers during September - October 2007. One hundred fifty officers participated in the programme.

#### Training to Agricultural Supervisors

Three Agricultural Supervisors of Tamil Nadu Agricultural University were given a 6-day training from 28.1.08 to 2.2.08 on crop improvement, production and protection techniques.

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## Exposure visits to Village Panchayat Presidents

The staff of KVK coordinated the exposure visits of 7 batches of village Panchayat Presidents to Tamil Nadu Agricultural University during February and March 2008. Nearly 300 Presidents participated actively in the programme. The activities at PBS, orchard, forages, animal husbandry, bio energy and mushroom unit were explained to them.

Exposure visit was also organized to Mysore Panchayat Officials in December 2007.

## Precision Farming

Precision farming demonstrations were laid out at Velliangadu village in 20 ha cluster and the crops include banana and tomato. The 20 farmers were facilitated to form a society. Regular field visits and advisory services were made. Other activities are listed below

## Overall Achievements of KVKs during the year 2007-08

Sl.No.	Activities of DOEE	Total
1	<b>Trainings</b>	
	On campus	762
	Off campus	467
	Vocational	69
	Extension functionaries	117
2	<b>On farm trials</b>	115
3	<b>Front line demonstrations</b>	169
	ISOPOM Maize	13
	FFS Cotton Demonstration	2
	ICDP IPM	5
	SUBACS - Sugar beet demonstrations	1
4	<b>Extension activities</b>	
	Scientific visits to farmers field	1113
	Exposure visit	239
	Field days	131
	Kisan meals/ farmers day	9
	Scientific Advisory meetings	9
	Exhibition	132
	Films/ video shows	287
	Village meetings	235
	Video module prepared	9
	Joint field visit	214
	Collaborative trainings	333





	Village campaign	43
	Zonal work shop	150
	Skill demonstrations	348
	Seminars	17
<b>5</b>	<b>Mass media based extension activities</b>	
	Radio talk	100
	TV Coverage	9
	News paper writings	248
	Extension literature	155
	News letter	19
<b>6</b>	<b>Other research schemes</b>	<b>37</b>
<b>7</b>	<b>Sponsored training programmes</b>	<b>507</b>
<b>8</b>	<b>Seminars/Training attended by scientists</b>	<b>116</b>
	Books	12
	Book chapters	23
	Booklets	57
	Research articles	35
	Seminar papers	10
	Poster papers	8
	Popular articles	81
<b>9</b>	<b>Number of farmers visited the KVK</b>	<b>9835</b>

## 5.2. Training Division

The Training Division which was established in late 80s has given training to the official from Development Departments and to the Non governmental Organizations.

### High Light activities during 07-08

#### HRD training to Technical officers under NHM

Both Horticultural Officers as well as Field consultants were trained on latest technologies in cultivation and marketing of NHM Focus crops. One hundred and five staff of the department of Horticulture were trained in 3 batches of 5 days duration from 2.4.2007 to 27.4.2007.

#### Capacity building of Watershed Development Team Members

The Watershed Development team

Exposure Visit programmes were organized by Directorate of Extension Education, TNAU through 10 TNAU KVKs. Both the TNAU Krishi Vigyan Kendras in the NHM Districts viz., Madurai, Trichy, Cuddalore, Ramanathapuram, Dharmapuri, Salem, Kanyakumari, Pudukkottai, Vellore and Vilupuram districts and district Horticultural office conducted the training to the farmers. During the 2007-08 periods, 476 batches of farmers numbering 14298 were trained on latest technologies in production technologies of NHM focus crops

#### NHM-HRD Exposure visit to other states - Farmers

Exposure Visit to Other states Agricultural Research Stations, Workshops and Trade fairs have also been conducted for 500 farmers in NHM districts. The commodity Grower Association Member



farmers also exposed to latest cropping technology in the neighbouring states through exposure visit programme. Around 850 Mango and Banana Grower federation members visited Maharashtra, Kerala and Karnataka in this programme.

### NHM HRD -to Horticultural Officers

Technical Training on NHM Focus crops had been conducted at the Directorate of Extension Education to the Horticulture officers of Tamil Nadu in 5 batches of 30 officers each. Horticultural officers were

trained in batches of 30 for 5 days duration from 3.9.2007 to 19.10.2007.

### HRD-Assistant Agricultural officers

Under NHM-HRD, Technical training on the use of Extension material, observation and reporting capabilities and skill enhancement to AAO's of Horticulture Department were imparted at 5 Centres of TNAU as follows from 24.9.2007 to 26.10.2007.

S.No.	Place	No. of Batches (30 AAOs/batch)	Number of AAOs
1.	HC&RI	6	180
2.	DOEE, TNAU	5	150
3.	AC&RI, Trichy	5	150
4.	AC&RI, Madurai	6	180
5.	AC&RI, Killikulam	5	150
	<b>Total</b>	<b>27</b>	<b>810</b>

### Exposure Visit to Other states Horticultural officers

An exposure Visit programme to Officers of Department of Horticulture(32) was organized by TNAU to New Delhi and Himachal Pradesh, where the officers were trained on hill horticultural crops, Mushroom cultivation, Landscape gardening, winter season vegetable cultivation, protected cultivation, as well as flowers fruits and Vegetable markets. The participants also attended the **International Horti Expo 2008** from January 31<sup>st</sup>, 2008 to February 2<sup>nd</sup> 2008 organized by Media Today (P) Ltd at **Pragati Maidan**, New Delhi for learning new horticultural technologies.

### Part-II capacity building training

The capacity building training programme for extension functionaries of Agricultural department under part II plan scheme was organized for five days at directorate of Extension Education and also at four colleges namely AC&RI, Madurai, HC&RI, Periyakulam, AC&RI Trichy and Killikulam from 18.02.08 to 21.03.08. About 750 members of various disciplines of agriculture and horticulture were benefited by this training programme.

### MANAGE TNAU-training to scientists

Training programme on "Bridging the knowledge gap in agriculture role of ICT option and opportunities" was jointly organized by MANAGE, Hyderabad and TNAU from 11.02.08 to 15.02.08 to the scientist of Tamil Nadu Agricultural University.

### 5.3. Agricultural Technology Information Centre

Agricultural Technology Information Centre in the Directorate of Extension Education started its activities from 2001. As a single window delivery system it provides agricultural information, products and technologies developed by the University to the farmers. It is also rendering services to the visiting farmers through advisory services. In addition, farmers with plant clinic problems are also attended with suggestions on suitable management measures.

#### a) Technology products

Totally one hundred and thirty one kgs of seeds were sold. Amaranths, annual moringa, bhendi, ash gourd, bitter gourd, brinjal, chillies, cluster beans, pumpkin, ribbed gourd, snake gourd and tomato were the seeds delivered to the farmers.



## b) Publications

Totally 2688 books were sold covering 13 Tamil publications and 8 English publications.

## c) Diagnostic services

One hundred and eight field problems related to crops like banana, coconut, papaya, annual moringa, mango, turmeric, arecanut, pomegranate, onion, curry leaf, brinjal, bhendi, amla, sapota, amaranthus, cucumber, tomato, citrus, jack, bitter gourd, jasmine, rose, avarai, pulses, rice etc. were attended during the period under report.

## d) Fam advisory services

Totally 250 farm advisory services were rendered which includes the latest concepts and technologies like precision farming, organic farming, SRI techniques, vermi culture, mushroom culture etc.

## 5.4. Valarum Velanmai

'Valarum Velanmai', the Tamil monthly magazine of Tamil Nadu Agricultural University is being published from the Directorate of Extension Education, TNAU, Coimbatore for the benefit of the

farming community. In April 2007 there were 12873 subscribers of Valarum Velanmai. In May 2007 and January 2008, 6653 and 141 life subscribers respectively were asked to renew their subscription since the life subscription period has been limited to fifteen years only. There were 17693 subscribers of Valarum Velanmai until 31.03.2008. Out of this 5056 are life subscribers and 12637 are annual subscribers.

From the month of January-2008 onwards, the Valarum Velanmai magazine has been face lifted in its quality with printing of Multi Colour Insert that attracted more number of subscribers.

Eight special issues of Valarum Velanmai viz., April-2007 as Education Special, May-2007 as Horticulture Special, July-2007 as Organic Farming Special, September-2007 as Agricultural Rural Management Special, October-2007 as Plant Protection Special, January-2008 as Seed Technology Special, February-2008 as Environmental Science Special and March-2008 as Bamboo Special were prepared during the year 2007-08.



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## APPENDIX - I

### CIVIL WORKS COMPLETED (2007-2008)

Sl.No.	Name of the Work	Estimate Amount
1	Repairing the water tank in field No. NA2E for the department of Millet in TNAU, Coimbatore.	120,000.00
2	Providing Power wiring to Air - Conditioners and Improvements of illumination of stage of Convocation hall in TNAU, Coimbatore.	162,000.00
3	Construction of farmers hostel (Brick work, weathering course) at KVK, Sikkal	1,000,000.00
4	Renovation of toilet block for Bio-fuel lab at TNAU, Coimbatore-3.	340,000.00
5	Improvement work in the Bio-fuel lab at TNAU, Coimbatore	500,000.00
6	Construction of seed storage unit for HC & RI, Periyakulam.	840,000.00
7	Construction of Additional floor over the existing building for cotton dept. in TNAU, Coimbatore.	750,000.00
8	Construction of sump well (1.00 lakh litre capacity) with pipe line arrangements for the new centenary building TNAU, Coimbatore.	930,000.00
9	Additional (Finishing) work to international students hostel at TNAU, Cbe-3.	1,000,000.00
10	Supplying and fixing of Steel window Grill for new construction of Bio-informatic and bio-tech building TNAU, Cbe-3.	110,000.00
11	Construction of first floor over student hostel at TNAU, Cbe-3.	8,000,000.00
12	Construction of farmers hostel at TNAU, Coimbatore.	15,000,000.00
13	Providing internal and external electrification of block I Red fort Hostel in TNAU, Cbe-3.	350,000.00
14	Construction of shade house at FC & RI, Mettupalayam	115,000.00
15	Providing Electrical Installation works in the newly constructed referable lab at TNAU, Cbe-3.	135,000.00
16	Establishment of seed processing plant for central farm unit in TNAU, Cbe-3.	173,000.00
17	Providing corridor in the existing girls hostel FF additional rooms at AEC & RI, Kumulur, Trichy (DT)	550,000.00
18	Providing water supply arrangements for Bio- fuel lab in TNAU, Cbe	308,700.00
19	Providing electrical installation work in the newly constructed tissue culture lab at TNAU, Cbe-3.	375,000.00
20	Providing Siruvani water pipe line connection work to KVK Hostel and mushroom at TNAU, Cbe-3.	108,000.00
21	Repairing the terrace portion in the north western side of HC & RI, Building in TNAU, Cbe-3.	100,000.00
22	Pandal arrangements for the XXVIII Convocation at TNAU, Cbe-3.	114,000.00
23	Additional finishing work to the Bio-Tech and Bio-informatics lab in TNAU, Cbe-3. (Revised estimate)	832,000.00



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24	Providing vertical blinds and vinyl flooring in the Bio-fuel lab in TNAU, Cbe-3.	120,000.00
25	Construction of lift room in Anna Auditorium in TNAU, Cbe-3.	260,000.00
26	Renovation of seed godown in Central farm at TNAU, Cbe-3.	100,000.00
27	Renovation of thrashing floor in central farm at TNAU, Cbe-3.	300,000.00
28	Maintenance work to AP1 to AP 36 quarters in TNAU, Cbe-3.	410,000.00
29	Construction of centenary building Annex at TNAU, Cbe-3.	30,000,000.00
30	Weathering course concrete laying to the newly constructed millet and oil seeds lab at TNAU, Cbe-3.	142,036.00
31	Providing electrical installation work to the construction of millet and oil seeds lab at TNAU, Cbe-3.	225,000.00
32	Electrical works of newly constructed godown cum office building at Dept. Of Rice, Cbe.	148,000.00
33	Supply and installation of submersible sewage pump in sewage plant near 'C' type quarters at TNAU, Cbe-3.	150,000.00
34	R.I. building southern portion maintenance work in TNAU, Cbe-3.	500,000.00
35	Maintenance of sewer line in professor quarters (RITES) in TNAU, Cbe-3.	300,000.00
36	Replacement of siruvani water pipe line in the staff quarters at TNAU, Cbe-3.	250,000.00
37	Providing electrical installation wiring finishing point for point power wiring point light fittings laying ceiling fans distribution board under ground cable to the newly constructed FF building at cotton in TNAU, Cbe-3.	105,000.00
38	Attending alteration work for providing generator power supply to the RI building and redfort hostel from the newly purchased 200 KVA generator TNAU, Cbe.	105,578.00
39	Providing road, sewer line, and MS angles barbed wire fencing in TNAU, Cbe-3.	300,000.00
40	Construction of FF office building to the electrical and mechanical section at TNAU, Cbe-3.	500,000.00
41	Providing supply and fixing pipeline replacement work in the hostel building TNAU, Cbe	141,000.00
42	Electrification of providing three phase power supply to the Machinery in the seed godown at 'N' block at ARS, Bhavanisagar.	220,000.00
43	Providing sagabath tiles flooring for the seed processing godown and processing shed at ARS, Bhavanisagar.	772,000.00
44	Construction of Arch at ARS, Bhavanisagar	150,000.00
45	Construction of centenary building in TNAU, Cbe-3.	50,000,000.00
46	Providing fencing to the international students hostel and its complex in TNAU, Coimbatore.	420,000.00
47	Providing B.T Road to the International students hostel at its complex in TNAU, Coimbatore.	500,000.00





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48	Providing electrical installation work in the newly constructed seed storage lab and training hall in TNAU, Cbe-3.	235,000.00
49	Providing Electrical Installation work to the newly constructed international students hostel two block in TNAU, Cbe-3.	750,000.00
50	Providing pavement and sewage line to the international students hostel in TNAU, Cbe.	400,000.00
51	Providing road formation to the students hostel complex (Phase I) at TNAU, Cbe-3.	1,000,000.00
52	Supplying and fixing secular windows for newly constructing Bio-informatics and Bio-Tech building in TNAU, Cbe-3.	365,000.00
53	Providing platform slab with granite top to dining tables and benches in students hostel at TNAU, Cbe-3.	225,000.00
54	Providing fencing in the left out portion of Hostel Complex at Students Hostel in TNAU, Cbe-3.	480,000.00
55	Providing pavement and Drainage facilities for the newly constructed students hostel in TNAU, Cbe-3.	550,000.0
56	Formation of Road to the students hostel in TNAU, Cbe-3.	500,000.00
57	Providing new Drainage cum pavement around the Bio-Tech and Bio-Informatic building in TNAU, Cbe-3.	430,000.00
58	Seed Science and technology lab modification in TNAU, Cbe-3.	200,000.00
59	Providing connecting drainage to the new Bio-tech and Bio-informatics building to UP existing main drainage (South east corner of transgenic GH Site) at TNAU, Cbe-3.	550,000.00
60	Providing Electrical Installation for both GF and FF of students Hostel in TNAU, Cbe-3.	925,000.00
61	Providing Electrical installation work of the newly constructed Bio-control building for plant pathology in TNAU, Cbe-3.	500,000.00
62	Providing electrical for the GF of new Bio-Tech. and Bio-Informatics lab in TNAU, Cbe-3.	775,000.00
63	Renovation and Remodeling of Kitchen for the international students hostel at TNAU, Cbe-3.	1,750,000.00
64	Construction of centralized referral and instrumentation lab for Agri. Entomology in TNAU, Cbe-3.	175,000.00
65	Electrical installation work to the newly constructed FF over the existing examination hall at TNAU, Cbe-3.	275,000.00
66	Improvement of insect chemical ecology lab in Bio-control lab in TNAU, Cbe-3.	300,000.00
67	Construction of second floor in the new students' hostel at TNAU, Cbe-3.	10,000,000.00
68	Additional finishing work to the newly constructed FF over the examination hall in TNAU, Cbe-3.	407,917.00
69	Additional finishing work to the newly constructed centralized referral and instrumentation lab at TNAU, Cbe-3.	215,118.00



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70	Additional finishing work to the newly constructed tissue culture lab in TNAU, Cbe-3.	208,993.00
71	Modification and renovation of dining hall for international students hostel at TNAU, Cbe-3.	950,000.00
72	Finishing work to Generator room and newly constructed bio-control lab for pathology at TNAU, Cbe-3.	114,000.00
73	Providing water supply to the farmers and training hostel at TNAU, Cbe-3.	120,000.00
74	Providing sales counter at ulzhavar santhai in RS Puram for TNAU, Cbe	175,000.00
75	Providing electrical installation work to the street light and subway at TNAU, Cbe-3.	190,000.00
76	Providing B.T. Road connecting central farm and examination hall at TNAU, Cbe-3.	1,000,000.00
77	Providing BT Road connecting the centenary building and subway (via) seed technology building at TNAU, Cbe-3.	1,000,000.00
78	Providing drainage with retaining wall and BT road in the subway area opp. To Annai Therasa hostel TNAU, Cbe	1,000,000.00
79	Providing concrete retainingwall and floor ramp on both the sides of sub way at TNAU, Cbe-3.	1,000,000.00
80	Providing drainage with retaining wall and culverts from students' canteen to orchard tank near PPC hostel Complex in TNAU, Cbe-3.	875,000.00
81	Providing additional provision to foundation for the centenary building at TNAU, Cbe-3.	675,000.00
82	Providing electrical installation work to the west wing of newly constructed centenary building in TNAU, Cbe-3.	1,000,000.00
83	Providing electrical installation work to the newly constructed of KVK, Farmers Hostel GF and FF at TNAU, Cbe-3.	12,800,000.00
84	Providing electrical installation work to the newly constructed students hostel SF in TNAU, Cbe-3.	400,000.00
85	Providing pavement with drainage, sewage water line london putty to the newly constructed bio-control and pathology lab in TNAU, Cbe.	580,000.00
86	Construction of Administrative building at CRS, Veppanthattai in Perambalur (Dt.)	3,000,000.00
87	Construction of vehicle and implement shed at CRS, Veppanthattai in Perambalur (Dt.)	850,000.00
88	Construction of thrashing floor at CRS, Veppanthattai in Perambalur (Dt.)	300,000.00
89	Construction of seed godown for MRS, Vagarai	1,000,000.00
90	Construction of Vehicle and Implement Shed at MRS, Vagarai	850,000.00
91	Construction of Thrashing floor at MRS, Vagarai.	3,40,000.00
92	Construction of Ground level water storage tank at MRS, Vagarai.	4,75,000.00
93	Construction of store room (Godown) at CRS, Veppanthattai	1,000,000.00





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94	Special Repair to soil science lab and agri Engg Dept. of AC & RI, Killikulam	105,000.00
95	Special Repair to soil science lab IF II AC & RI, Killikulam	100,000.00
96	Renovation and remodeling of ladies hostel block I (Toilet) at AC & RI, Killikulam	150,000.00
97	Providing electrical arrangements to bio control laboratory building AC & RI, Killikulam	340,000.00
98	Renovation and repairs to III <sup>d</sup> and IV <sup>th</sup> lecture hall at AC &RI, Killikulam	100,000.00
99	Renovation and repairs to the tissue culture lab at AC & RI, Killikulam	100,000.00
100	Urgent repairs to shenbagam hostel at AC & RI, Killikulam	150,000.00
101	Providing renovation of existing basket ball court flooring at AC & RI, Killikulam	125,000.00
102	Special repairs to the staff quarters at AEC & RI, Kumulur	300,000.00
103	Providing food processing training / lecture hall at AEC & RI, Kumulur	500,000.00
104	Providing food processing centre at AEC & RI, Kumulur	500,000.00
105	Providing quality testing laboratory at AEC & RI, Kumulur	500,000.00
106	Providing cold storage room at AEC & RI, Kumulur	500,000.00
107	Construction of Sub-surface tank (1 lakh litre capacity) at KVK, Paparapatti.	200,000.00
108	Improvement to the Chief Scientist room and staff room in Agronomy dept. at AC & RI, Madurai	330,000.00
109	Construction of seed store (conditioned) at AC & RI, Madurai.	280,000.00
110	Construction of Basket ball courts in TNAU, Cbe-3. AD AC &RI, Trichy and AC &RI, Madurai.	2,200,000.00
111	Construction of textile dyeing unit at HSC & RI, Madurai	315,000.00
112	Renovation of BT surface from stadium to mega seed complex AC & RI, Madurai.	410,000.00
113	Providing Electrical Installation work in the newly constructed Exam hall at FC & RI, Mettupalayam	150,000.00
114	Roof repair work in the staff quarters 26 nos. at FC & RI, Mettupalayam ('A' to 'E' categories)	370,000.00
115	Special Repair to staff quarters FC & RI, Mettupalayam	300,000.00
116	Construction of new septic tank for UG hostel (Block A & B) at FC & RI, Mettupalayam	200,000.00
117	Construction of vermi compost green house shade net at FC & RI, Mettupalayam	100,000.00
118	Construction of farmers hostel (Brick wall and weathering course at KVK, Needamangalam)	1,000,000.00
119	Construction of implement shed and Arch gate at RRS, Paiyur	490,000.00
120	Providing RCC roof to the farm office in RRS, Paiyur.	330,000.00

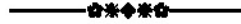


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121	Renovation of RCC roof of microbiology lab at RRS, Paiyur.	412,000.00
122	Electrification of two wings of Ground Floor and study room at Students hostel at HC & RI, Periyakulam	460,000.00
123	Construction of study room FF over the existing ladies hostel building GF in south wing HC & RI, Periyakulam	360,000.00
124	Providing PVC pipes, PVC special, PVC doors etc., & Toilet, in the ladies Hostel at HC & RI, Periyakulam	400,000.00
125	Painting work to the ladies hostel at HC & RI, Periyakulam	455,000.00
126	Providing pressed tiles over the roof in the ladies hostel at HC & RI, Periyakulam	395,000.00
127	Providing doors and window and construct attached toilet for proposed GYM room existing nursery shed at HC & RI, Periyakulam	240,000.00
128	Special Repair to staff quarters HC & RI, Periyakulam	300,000.00
129	Providing painting and sanitary arrangements to the staff quarters at KVK, Sandhiyur	400,000.00
130	Construction of Pavement and formation of approach road to the Farmers hostel at KVK, Sandhiyur	355,000.00
131	Special Repairs to office and lab building at CRS, Srivilliputhur.	180,000.00
132	Providing pavement and rainwater drain arrangements to the farmers hostel at KVK, Thindivanam	350,000.00
133	Formation of approach road to Administrative building at KVK, Tindivanam	525,000.00
134	Providing water supply and sanitary arrangements to the Administrative building at KVK, Tindivanam	220,000.00
135	Construction of Admn. Building (Weathering course and other finishing works at KVK, Tirur)	1,000,000.00
136	Special repair to the staff quarters at AD AC & RI, Trichy	300,000.00
137	Renovation of Boys hostel (South wing SF) at AD AC& RI, Trichy	500,000.00
138	Renovation of Boys hostel (Doors and windows SF) at ADAC & RI, Trichy	500,000.00
139	Renovation of boys hostel building (North wing SF) at ADAC & RI, Trichy	500,000.00
140	Renovation of Boys hostel building (East wing SF) at ADAC & RI, Trichy	500,000.00
141	Renovation of Boys hostel building (West wing SF) at ADAC & RI, Trichy	500,000.00
142	Renovation of Boys hostel building (Weathering course and painting in second floor) at ADAC & RI, Trichy	500,000.00
143	Construction of Administrative building at MRS, Vagarai.	3,000,000.00
144	Providing ' L ' angel post for fencing additional length (1000 mt) at MRS, Vagarai.	335,000.00
145	Providing barbed wire fencing at M.R.S. Vagarai in Dindugal (DT.)	670,000.00
146	Special repairs to the old office building at CRS, Veppankulam	100,000.00
147	Construction of entrance pillar with gate at CRS, Veppankulam	150,000.00



148	Providing painting to the Administrative building at KVK, Virinjipuram	532,000.00
149	Providing painting and sanitary arrangements to the staff quarters at KVK, Virinjipuram	400,000.00
150	Construction of pavement in the Farmers Hostel at KVK, Virinjipuram	400,000.00
151	Improvement of internal and external electrification in the VIP suit, visitors' room and providing UG cable for street light and additional street lights at HRS, Yercaud.	330,000.00
152	Converting the existing office room as VVIP Guest house and renovation of revetment at HRS, Yercaud.	500,000.00
153	Special repairs to the toilet, office and meeting hall at HRS, Yercaud.	440,000.00
154	Providing bituminous road to the farm roads at HRS, Yercaud.	980,000.00
155	Providing Aluminium partition to the office room at HRS, Yercaud	210,000.00
	<b>GRAND TOTAL</b>	<b>195,671,342.00</b>





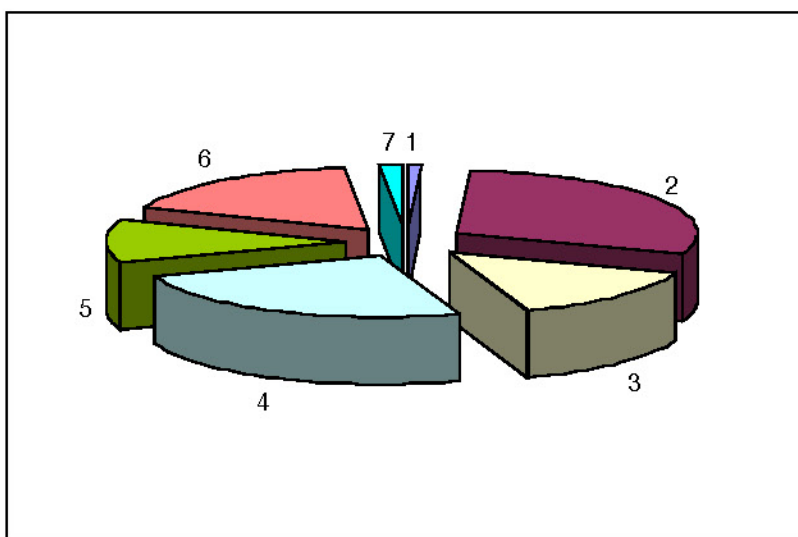


## APPENDIX - II

### RESEARCH SCHEMES OF TNAU IN 2007-2008

Sl.No.	Particulars	No. of schemes	Amount (lakhs)
1.	Non-Plan schemes (URS)	9	52.14
2.	Plan schemes	119	2119.19
3.	ICAR fully financed schemes	48	1010.15
4.	ICAR partly financed schemes	62	1763.19
5.	Government of India schemes	143	802.71
6.	Private agencies schemes	91	1257.07
7.	Foreign agencies schemes	29	112.42
	<b>TOTAL</b>	<b>501</b>	<b>7116.87</b>

**Total financial distribution among different schemes**



- |                                |                             |
|--------------------------------|-----------------------------|
| 1. Non-Plan Schemes            | 5. GOI Schemes              |
| 2. Plan Schemes                | 6. Private agencies Schemes |
| 3. ICAR fully financed Schemes | 7. Foreign agencies Schemes |
| 4. ICAR party financed Schemes |                             |





## APPENDIX - III

### LIST OF RESEARCH PAPERS PUBLISHED

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- ◆ Devamani, V. and A. Christopher Lourduraj. 2007. Effect of sugar and distillery wastes application on different crops. *A Review. Indian J. Env. Sci.*, 11: 115-121.
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