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CENTRAL TOBACCO RESEARCH INSTITUTE

Newsletter

CENTRAL TOBACCO RESEARCH INSTITUTE, RAJAHMUNDRY-533 105

SILVER JUBILEE CELEBRATIONS OF INDIAN SOCIETY OF TOBACCO SCIENCE

Indian Society of Tobacco Science, a premier scientific Society in India, consisting of tobacco research workers, traders, scholars and progressive farmers celebrated its SILVER JUBILEE during the National Symposium with the theme TOGETHER WE SUSTAIN held at Central Tobacco Research Institute, Rajahmundry, India during 13-16th December, 2000. Scientists and Officers from CTRI and Officials from Tobacco Board, Tobacco Companies, farmers etc. participated. Dr. K. Nagarajan, Co-President, ISTS and Director, CTRI welcomed the delegates. He pointed out that because of the anti tobacco campaign there is a set back in the international market regarding production and consumption of tobacco.

Dr. E. A. Siddiq, National Professor inaugurated the symposium by lighting the lamp. In the presidential address, he said that no other crop with the exception of cotton, had as much potential for revenue and employment as tobacco. He advocated need for intensive research on medicinal and aromatic plants as alternative crops to tobacco. He commended CTRI for its contribution which had helped farmers to increase the productivity of crop from 750 kg to nearly 1500 kg/ha. He stressed the need for

genetic research to develop the model tobacco plant that would save crop, farmer and the tobacco industry. Dr. T.S. Subramaniam, President, ISTS stressed the need to improve quality and productivity. Sri S. Janardhana Reddy, Vice-President, ITC-ILTD while highlighting some of the issues like demands from environmentalists, pesticide residues and the mismatch

FCV tobacco was given to Sri K.N. SUBRAHMANYA, Dr. M.M.SHENOI and Sri S. RAMESH for their contribution "Varietal improvement for sustainability of export oriented FCV tobacco crop in Karnataka light soils".

2. SRI DEVAPPA AWARD for outstanding research contribution in Agronomy, Extension and Statistics of all types of tobacco was given to Sri H. RAVISANKAR and

Dr. V. KRISHNA MURTHY for their contribution "Software development for soil fertility evaluation to serve the FCV tobacco farmer."

3. NIRMAL AWARD for outstanding research contribution in Chemistry and Soil Science for all types

of tobacco was given to Dr. C. V. NARASIMHA RAO, Dr. S.R. PRABHU, Dr. P.S.N. MURTHY, Sri D.G. KUMAR and Sri K.P.S.N. MURTHY for the paper entitled "Preliminary studies on Tobacco Specific Nitrosamines".

4. Dr. G.J. PATEL AWARD for outstanding research contribution in Plant Protection of all types of tobacco was given to Dr.M.M. SHENOI, Dr. K. KARUNAKARA MURTHY and Dr. S.S. SREENIVAS for their contribution "Epidemiology of brown spot disease caused by *Alternaria alternata* and its management in FCV tobacco crop in KLS".



Dr. T.S. Subramaniam, Dr. E.A. Siddiq, Sri S. Janardhana Reddy, Dr. G.J. Patel, Dr. K. Nagarajan, Dr. P.R.S. Reddy

between supply and demand, called for united action. Dr. G.J. Patel, former Project Co-ordinator, AICRP(T) advised scientists to go to the fields and work with the farmers to achieve higher yields. Dr. P.R.S. Reddy, Secretary, ISTS proposed vote of thanks. During the present symposium the following Gold Medals instituted by eminent tobacco scientists were presented for the best research findings during 1997-2000:-

1. Dr. G.S.MURTHY AWARD for outstanding research contribution in Genetics and Plant Breeding of

5. Dr. G.S.MURTHY AWARD for outstanding research contribution in all disciplines of non-FCV tobacco was given to Dr. K. SIVARAJU for his contribution on "Development of isozyme molecular markers for non-fcv tobacco types".

6. ITA AWARD for outstanding research contribution in Agronomy of FCV tobacco was given to Dr.S.V. KRISHNA REDDY, Dr.(Mrs.)S. KASTURI KRISHNA, Dr. J.A.V. PRASAD RAO, Dr. P.R.S. REDDY and Dr. V. KRISHNAMURTHY for their contribution on "Agronomic management practices for the recently released cultivar K-326 (NLS-4) in Northern Light Soils of Andhra Pradesh".

ISTS Gold medal for best presentation was given to Dr.(Mrs.) K.SARALA for the paper "Genetic improvement in traditional black soil tobacco cultivars, since 1947" by Dr.(Mrs.) K.SARALA, Dr. K.NAGARAJAN, Sri N.S. MURTHY, Dr.(Mrs.) M. ANURADHA, Dr. K. SIVARAJU and Sri H.RAVISHANKAR.

ISTS conferred FISTS on 1) Dr.A.D. PATEL 2) Dr.P.P. SINGH 3) Dr. M.M. SHENOI 4) Sri S. SITARAMAIAH, 5) Dr. P.R.S. REDDY and 6) Late Sri C.R.NAGESWARA RAO for their outstanding contributions.

ISTS also honoured progressive FCV and non-FCV tobacco farmers from different regions for achieving higher yields by adopting recommended package of practices.

During the four days, eminent people in the tobacco research and industry gave lectures for the benefit of the delegates. Forty seven papers were presented in oral sessions and fifty two papers in poster sessions in the disciplines of Crop Improvement, Biotechnology, Crop Production, Crop Chemistry and Soil Science, Plant pathology and Insect pest control.



Dr. K. NAGARAJAN, DIRECTOR, CTRI
RETIRED ON 31-12-2000

CONFERENCES/TRAININGS

Dr. B. John Babu and Dr. P.V. Siva Rao, Technical Officers of KVK were deputed to undergo training at Institute of Animal Reproduction Centre, Mandapeta from 9-10-2000 to 28-10-2000.

Dr. T. Venkateswarlu, Sr. Scientist & Principal Investigator, DBT Project on Biotic stresses presented Final and consolidated report on "Biotechnology project on Breeding Tobacco varieties for biotic stresses" at the Task Force Meeting on Biological Control held at Indian Institute of Chemical Technology (IICT), Hyderabad, organised by the Department of Biotechnology, New Delhi from October 30 to November 1, 2000.

Sri R. Sudhakar, Tech. Officer, KVK of CTRI, Rajahmundry attended Annual Zonal Workshop of KVKs held at CTRI, Rajahmundry during 1-3, Nov., 2000 and presented a paper entitled "Impact assessment of income generation training programmes" by H. Ravisankar and R. Sudhakar.

Dr. T. Venkateswarlu, Sr. Scientist presented a research paper "Transgenic Tobacco cultivars toxic to *Helicoverpa armigera* and *Spodoptera litura*" at National Seminar on Transgenic crops and Foods, organised by A.N.G. Ranga

Agricultural University held at Hyderabad from November 7-8, 2000.

Dr. V. Krishnamurthy, Sr. Scientist (Soil Chemistry) attended 65th Annual convention of Indian Society of Soil Science and special symposium on "Perspectives and policies for land use planning" at Nagpur during 27-30, Dec., 2000 and presented a paper on "Changes in soil fertility during two decades of FCV tobacco cultivation in light soils of West Godavari Dt., A.P." in soil fertility session of "Developments in Soil Science - 2000".

Smt. N. Aruna Kumari, Tech. Officer, KVK attended pre-workshop training on "Preparing project proposals on Biotechnological approaches for farm women" organised by SPIC AM, Kakinada.

RADIO TALKS

గోధుములు - పోషక విలువలు - రకరకాల తయారీ, by Smt. N. Aruna Kumari on AIR, Visakhapatnam on 11-10-2000.

బగ్గీ పొగాకు పై సస్యరక్ష, by Sri S. Gunneswara Rao on AIR, Visakhapatnam on 15-10-2000.

Tobacco varieties and planting techniques, by Dr. M. Kumaresan, on AIR, Madurai on 24-10-2000

పొగాకు ప్రత్యామ్నాయ వంటలు, by Sri M. Sannibabu, on AIR, Visakhapatnam on 27-10-2000.

నిమ్మ బల్బాయి తోటల్లో సూక్ష్మపోషక పదార్థాల ఆవశ్యకత, by Dr. B. Narasimha Rao, on AIR, Visakhapatnam on 23-11-2000.

లాభదాయకమైన పాడి పరిశ్రమలు - నూతన పద్ధతులు, by Dr. B. Narasimha Rao, on AIR, Visakhapatnam on 5-12-2000.

అధిక పాల ఉత్పత్తికి - నూతన పద్ధతులు, by Dr. B. John Babu, on AIR, Visakhapatnam on 5-12-2000.

ऐप अनुसार तंबाकू की देख भाल by K.D. Singh on AIR, Darbanga on 25-12-2000.

TELECAST

□ Paddy row seeder demonstration was telecast through Grama Darsini. Annadata, E.T.V. on 5-10-2000 and also through DD-1 on 12-12-2000.

PAPERS PUBLISHED

NARASIMHA RAO, B., P. VENKATA RAO and B.H.M. REDDY. Correlation and path analysis with segregating population of ridge gourd (*Luffa acutangula* (Roxb.) L). Crop Res. 20(2):338-42, 2000.

NARASIMHA RAO, B., P. VENKATA RAO and I.P. REDDY. Character association and path coefficient studies in ridge gourd (*Luffa acutangula* (Roxb.) L). Andhra Agric. J. 47(1&2):193-7, 2000.

RAVISANKAR, H., B. NARASIMHA RAO and K. NAGARAJAN. Computer applications in horticulture. Swarna Sedyam, Oct. 2000. p 4&45.

NAGARAJAN, K. and J.A.V. PRASAD RAO. Central Tobacco Research Institute : An over view. ASI Laborteknik, Aug-Oct. 2000. p. 7-12.

NAGARAJAN, K. and J.A.V. PRASAD RAO. Burley & HDBRG tobacco. Agro India, Oct-Dec. 2000. p. 18-19.

LECTURES GIVEN

□ Dr. B.R. Murthy, Eminent Agric. Scientist, IARI, New Delhi gave a seminar on "Combining data of agricultural experiments via Kalman Filter" to the seminar group of CTRI on 6-12-2000.

□ Dr. T. Venkateswarlu, Head, Div. of Crop Improvement gave guest lectures on (1) Tissue culture in crop improvement (2) Biotechnology for human welfare in the Refresher Course in Botany at P.R. Government College, Kakinada on 19-12-2000.

□ Dr. B. Narasimha Rao, Tech. Officer, KVK gave a guest lecture in the refresher course in Horticulture at P.R. Govt. College, Kakinada on 20-12-2000.

ICAR ZONE III INTER INSTITUTIONAL TOURNAMENT

Sports and games contingent of 27 players from CTRI under the managership of Sri S.K. Naidu has participated in ICAR Zone III Inter-Institutional Tournaments held at Coimbatore from 11-16 Dec., 2000, organised by Sugarcane Breeding Institute, Coimbatore.



CTRI contingent with Dr. K. Nagarajan and Dr. V.V. Subrahmanyam

The following events were won.

Event	Place	Name of the player
Men		
1. Volley ball volley	Runners	Team
2. Pole vault	Third	Sri S. Ramakrishna
Women		
1. Table Tennis (Singles)	Second	Smt. V. Bhagyalakshmi
2. Table Tennis (Doubles)	Second	Smt. V. Bhagyalakshmi Smt. P.V.S. Bharathi
3. Shuttle (Singles)	Second	Smt. B. Swarna Kumari
4. Shuttle (Doubles)	Second	Smt. P.V.S. Bharathi Smt. B. Swarna Kumari
5. Disc throw	Second	Smt. P.V.S. Bharathi
	Third	Kum. G.M.B. Sujatha
6. High Jump	First	Smt. V. Bhagyalakshmi

Staff Quarters and Computer Cell at CTRI RS, Jeelugumilli

Dr. K. Nagarajan, Director, CTRI laid the foundation stone for the construction of staff residential quarters and inaugurated computer cell at CTRI Research Station, Jeelugumilli on 17-11-2000.



TOBACCO INSTITUTE CLUB ANNUAL DAY

Tobacco Institute Club, CTRI, Rajahmundry celebrated its Annual Day function on 27-12-2000 in the Institute premises. All the staff members with their families and friends attended the function. Dr. Jonnalagadda Mrutyunjaya Rao, Principal, A.K.C. Degree College,

celebration of garden party and other social activities of the club. Dr. Mrutyunjaya Rao praised the interest of the club members in all the fields. Smt. Sridevi Nagarajan gave away prizes, rolling shields and cups to the winners of various competitions conducted for the club



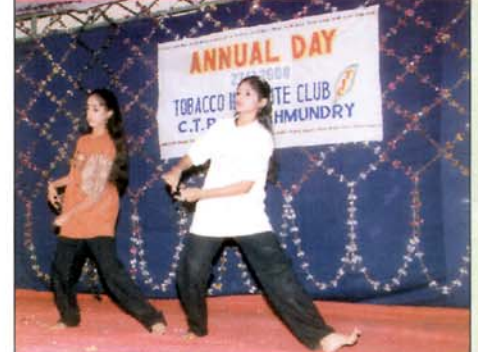
Dr. Nagarajan honouring Dr. Mrutyunjaya Rao

Rajahmundry was the Chief Guest. Dr. K. Nagarajan, President of the Club welcomed the gathering to the function and narrated the club importance in all the fields in Rajahmundry since its inception. Sri V.S.R.C. Murthy, Secretary presented the annual report. He narrated the achievements of the club members in the ICAR zonal sports meet at Coimbatore and

members in indoor and outdoor events. Sri P.V.V. Prasad and Smt. V. Bhagyalakshmi received the special prizes for overall championship in gents and ladies events, respectively. Staff and Staff children participated in Cultural items. Sri T.K. Suryanarayana, Dramatist was honoured. Dr. C.V.N. Rao, Vice-President proposed vote of thanks.



Smt. V. Bhagyalakshmi, Sri P.V.V. Prasad receiving Championships from Smt. Sridevi Nagarajan



Staff children and Staff participation in cultural events

OTHER ITEMS

Internet and Network station at CTRI

Dr. K. Nagarajan, Director, CTRI inaugurated the internet connectivity on 27-12-2000 in ARIS Cell, CTRI, Rajahmundry. Internet connectivity was provided to eight sites in different divisions/sections i.e. Div. of Crop Improvement, Div. of Crop Production, Div. of Crop Chemistry and Soil Science, Div. of Crop Protection, RMC Unit along with two points in ARIS Cell using local area networking. The facility will provide on-line accessing of information on visiting different web sites from their sites. Higher end systems and scanners were procured and installed in ARIS Cell.



Dr. K. Nagarajan inaugurating internet connectivity

Special assignment

Dr. K.D. Singh, Principal Scientist & Head, CTRI Research Station, Pusa, was nominated as Member, Management Committee of Directorate of Water management Research (ICAR), Patna for a period of three years w.e.f. 20-12-2000 by the Director-General, ICAR.

Computer Training for staff

A computer training course for 12 CTRI staff members for three days i.e. 8-10th Nov., 2000 was conducted by ARIS Cell, CTRI. They were trained in using MS Office, Word processing packages etc.

I J S C

The Institute Joint Staff Council meeting was held at CTRI Research Station, Vedasandur on 6-12-2000. The Council discussed many problems of staff and their redressal for the benefit of the staff.

INAUGURATION OF T.T. TABLE



Dr. Nagarajan inaugurating the Table Tennis Table

GARDEN PARTY

Tobacco Institute Club, CTRI, Rajahmundry organised a garden party at CTRI Research Farm, Katheru on 26-11-2000. Members along with their families participated in the programme consisting of games and cultural events.



VISITORS



Dr. Elui E Krugal, Global Agronomy Co-ordinator, BAT, London visited CTRI on 3.11.2000

I am very pleased to be here. I have to mention the great contribution of this Institute for the development of the Tobacco crop in India and for the world as an example to be focused.

.... Dr. Elui E Krugal



Journalists from The Times of India, The Deccan Herald, The Hindu etc. visiting CTRI RS, Hunsur on 17.10.2000

RETIREMENTS ON SUPERANNUATION

Name	Designation	Date
Sri Ramnarayan Thakur	SS Gr.II	30.11.2000
Dr. K. Nagarajan	Director	31.12.2000
Sri A. Haranath	Tech. Officer T-6	31.12.2000
Smt. V. Mahalakshmi	Tech. Officer T-5	31.12.2000
Sri D. Venkateswara Rao	SS Gr.IV	31.12.2000
Sri Nagendrasharma	SS Gr.I	31.12.2000

APPOINTMENTS



Dr. T. Venkateswarlu appointed as Head, Division of Crop Improvement on 1.12.2000



Dr. P. Harishu Kumar appointed as Head, Division of Crop Production on 7.12.2000

INTER-INSTITUTIONAL TRANSFER



Sri S. Veeraswamy has assumed charge as Sr. Administrative Officer on 9.11.2000 at CTRI, Rajahmundry on transfer from IIHR, Bangalore.

Sri M.N.P. Kumar, Tech. T-II-3 transferred from NCIPM, New Delhi, joined CTRI, Rajahmundry on 25.11.2000.

KRISHI VIGYAN KENDRA

ANNUAL ZONAL WORKSHOP OF ZONE V KVKs

Annual zonal workshop on KVKs of Zone-V was conducted at CTRI, Rajahmundry from 1-11-2000 to 3-11-2000. A total of 80 delegates from 38 KVKs in A.P. and Maharashtra participated. Smt. V.V. Lakshmi Kumari, Training Organiser, KVK of CTRI welcomed the delegates. Dr. K. Nagarajan, Director, CTRI inaugurated the function by lighting the lamp. Dr. D.M. Hegde, Project Director, DOR was the chief guest for the first day. Dr. B.S. Hansra, ADG(Extn.), ICAR, New Delhi was the chief guest for the second day. He appreciated the KVK, Kalavacherla on their income generation activities under the overall guidance of Dr. K.

Nagarajan, Director, CTRI, Rajahmundry. He released (1) Booklet brought out by KVK, Ahmednagar and 2) Newsletter brought out by KVK, Aurangabad. He congratulated Dr. Bhaskar, Training Organizer of Ahmadnagar KVK for receiving Best KVK award. Dr. Alapati Satyanarayana, Director of Extension, ANGRA University, Hyderabad, Dr. S. Sreeram, Co-ordinator, KVK Zone-V, Dr. S.P. Singh, Project Director, Biological Control, Bangalore spoke on different aspects of KVKs during the work shop. Dr. Satyanarayana released a handout brought out by KVK, Kalavacherla.

TRAINING PROGRAMMES

A total of 22 on/off campus training programmes were conducted in agricultural and allied aspects. A total of 332 farmers, farm women, rural youth and extension functionaries were benefited by these trainings.

Short-term training

Training programme on Application of natural dyes on natural fabrics (Sisal, Banana & Mesta) was conducted for 23 trainees from Kalavacherla and Korukonda villages from 27-11-2000 to 2-12-2000 at KVK, Kalavacherla by Scientist of AICRP on Textiles and Clothing, ANGRAU, Hyderabad.

Long-term training

A training programme on "Jute products making" was conducted for 20 rural youth in the Jambupatnam village, Korukonda mandalam from 1-9-2000 to 31-12-2000.

Cattle Vaccination Camps

Dr. B. John Babu and Dr. P.V.V. Siva Rao, Veterinary Doctors of KVK participated in a Mega Veterinary Camp organised by Lions Club, Rajahmundry and 3000 animals were vaccinated/examined and they also participated in another animal fertility camp at Sri Rangapatnam where 85 animal fertility cases were treated.

WOMEN IN AGRICULTURE DAY

KVK organised Women in Agriculture Day on 4-12-2000 in Kalavacherla village and 52 farm women participated in the programme. They were taught methods to reduce drudgery while weeding. Demonstration of Groundnut decorticator was conducted and they were also explained about the uses of direct paddy row seeder.



Smt. Lakshmi Kumari welcoming the delegates

Dr. D.M. Hegde, Dr. S. Sreeram, Dr. K. Nagarajan, Dr. A. Satyanarayana, Dr. S.P. Singh, Sri R. Sudhakar

WORLD FOOD DAY CELEBRATION

World Food Day was celebrated at KVK, Kalavacherla on 16-10-2000. A large number of farm women, rural youth attended the function. They were explained about the importance

of nutrients in maintaining good health. Slides on Kitchen garden raising were shown to them. Rangapoor lime and drumstick seedlings were distributed.



Smt. V.V. Lakshmi Kumari, Training Organizer, KVK distributing seed

संक्षिप्त समाचार

भारतीय तम्बाकू विज्ञान समिति का रजत जयंती समारोह

भारतीय तम्बाकू विज्ञान समिति भारत में एक प्रमुख वैज्ञानिक समिति है और तम्बाकू अनुसंधान कर्मियों, व्यापारीगण, विद्वानों और प्रगतिशील किसानों से युक्त है। इस समिति ने तारीख 13 दिसंबर से 16 दिसंबर 2000 के दौरान केन्द्रीय तम्बाकू अनुसंधान संस्थान, राजमंद्री में राष्ट्रीय परिसंवाद की आयोजन की जिसका विषय था "मिलकर हम जीवनधारण करें"। इसी अवधि में समिति की रजत जयंती समारोह का आयोजन हुआ।

डा. के. नागराजन, निदेशक, सी.टी.आर.आई. एवम सह-अध्यक्ष, आई.एस.टी.एस. ने प्रतिनिधियों का स्वागत किया। उन्होंने यह सूचित किया कि तम्बाकू के विरुद्ध प्रचार के कारण तम्बाकू उत्पादन और विनियोग में अंतर्राष्ट्रीय बाजार में बाधा उत्पन्न हुई है।

डा. ई.ए. सिद्धिख, राष्ट्रीय आचार्य ने ज्योति प्रज्वलित करके परिसंवाद का उद्घाटन किया। उन्होंने तम्बाकू के वैकल्पिक फसलों के रूप में औषधी संबंधी और सुगंधित फसलों पर गहन अनुसंधान की आवश्यकता पर वकालत किया। डा. टी.एस. सुब्रमनियम, अध्यक्ष, आई.एस.टी.एस. ने गुणता और उत्पादकता में सुधार लाने पर जोर दिया।

तकनोलोजी का स्थानांतरण

सी.टी.आर.आई. अनुसंधान केन्द्र, वेदसंदूर

तारीख 6-12-2000 को सी.टी.आर.आई अनुसंधान केन्द्र, वेदसंदूर में कृषकों और व्यापारियों की भेंट आयोजित की गयी जिसमें करीब 150 कृषक एवम व्यापारी लोग उपस्थित हुए।

भा.कू.अनु.प. जोन-111 अंतर संस्थानीय खेल-कूद

गन् प्रजनन संस्थान, कोयंबतूर द्वारा आयोजित भा.कू.अनु.प. जोन-111 अंतर संस्थानीय खेल-कूद प्रतियोगिता में सी.टी.आर.आई. से श्री एस.के.नायडु की प्रबंधकीयता में 27 खिलाड़ियों का एक दल ने भाग लिया और आठ घटनाओं में विजय प्राप्त किया।

तम्बाकू संस्थान क्लब

तारीख 26-11-2000 को सी.टी.आर.आई. फार्म, कातेरू में तम्बाकू संस्थान क्लब द्वारा प्रीतिभोज आयोजित की गयी। सदस्यों ने अपने परिवारजनों के साथ खेल-कूद एवम सांस्कृतिक कार्यक्रमों में भाग लिया।

तारीख 27-12-2000 को संस्थान के परिसर में तम्बाकू संस्थान क्लब, सी.टी.आर.आई., राजमंद्री का वार्षिक

दिनोत्सव आयोजित किया गया। सभी कर्मचारियों ने अपने परिवार जनों और मित्रों के साथ इस समारोह में भाग लिया। डा. जोन्नलगड्डा मृत्युंजयराव, प्राचार्य, आंध्रकेसरी उपाधि महाविद्यालय, राजमंद्री इस समारोह के मुख्य अतिथि रहे। डा. के. नागराजन, क्लब के अध्यक्ष ने सभासदों का स्वागत किया और राजमंद्री में सभी कार्य क्षेत्रों में स्थापना तिथि से क्लब की महत्व का जिक्र किया। श्री वी.एस.आर.सी. मूर्ती, सचिव ने वार्षिक प्रतिवेदन प्रस्तुत किया। डा. श्रीमति श्रीदेवी नागराजन ने विभिन्न प्रतियोगिताओं के विजेताओं को पुरस्कार, रोलिंग शील्ड और कप का वितरण किया।

सी.टी.आर.आई. में इंटरनेट और नेटवर्क केन्द्र

सी.टी.आर.आई., राजमंद्री में एरिस कक्ष में तारीख 27-12-2000 को डा. के. नागराजन, निदेशक, सी.टी.आर.आई. ने इंटरनेट संबद्धता का उद्घाटन किया। इस सुविधा विभिन्न प्रभागों/अनुभागों में आठ जगहों को दी गयी।

* डा. के. नागराजन, निदेशक, केन्द्रीय तम्बाकू अनुसंधान संस्थान, राजमंद्री तारीख 31-12-2000 से सेवानिवृत्त हुए।

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