

Awards

- ISTS combined award for outstanding research contribution in tobacco.
- Tobacco Board award for outstanding contribution in tobacco research and development.
- Young Scientist award for exceptional contributions made by budding scientists in Tobacco
- Award for the Best papers presented at the symposium.

Fellow of ISTS

ISTS has been conferring Fellow of ISTS on its life members for the overall contributions in

two categories (a) Research and (b) Extension, Development, Trade & Industry, Policy & Regulation based on their contributions in respective sectors.

Specific score cards have been developed for each award and fellows for evaluation purpose.

ISTS Website

ISTS maintains its own website, www.istsindia.org. The website provides a comprehensive information on various aspects pertaining to the Society such as (1) About ISTS (2) Members of ISTS (3) Executive Committees (4) List of FISTS (5) Publications (6) Tobacco Research Journal including archives (7) Other linkages (8) Symposium circulars (9) Awards etc.



PROFILES OF FELLOWS OF INDIAN SOCIETY OF TOBACCO SCIENCE (FISTS)

1995

Dr. N.S. Reddy : For outstanding contribution for the light soil tobacco development in India and release of the tobacco varieties 16/103 and Spl. FCV which are cultivated even today.

Dr. G.J. Patel : For outstanding contribution in the improvement of Bidi tobacco by way of improving yields from 800 to 3000 kg/ha and for releasing high yielding varieties Anand-2, Anand-119, GT-2, GT-4, GT-5 and GT-6.

Dr. N.C. Gopalachari : For outstanding contribution for the overall development of tobacco research in India.

Dr. M.S. Chari : For outstanding contribution in projecting the image of ISTS nationally and internationally and making it a premier Society amongst the Scientific Societies. His contribution towards coordinated scientific research not only of tobacco but also of neem is well acclaimed all over the world.

Dr. T.S. Subramaniam : For outstanding contribution towards projecting the image of ISTS by taking the initiative to conduct the First National botanical Symposium and World Neem

Conference and for the initiative being taken to organize the CORESTA Conference for the first time in India. His contribution to light soil tobacco development in NLS and KLS is well acknowledged. The eco-friendly agri-inputs developed by him are a step in the right direction for production of clean tobacco.

Dr. K.V. Satyanarayana : For outstanding contribution in guiding the plant breeding group in right direction to produce outstanding varieties useful for the nation. His own contribution in releasing of high yielding varieties Gauthami and VT-1158 is significant.

Dr. K. Nagarajan : For outstanding contribution towards imparting resistance to varieties for Tobacco Mosaic Virus and Black Shank which have great economic impact on tobacco crop. His coordination with other departments in producing these outstanding varieties is greatly acknowledged.

Dr. T. Sitaramachary : Traditional tobacco forms a major part of flue-cured tobacco in India. His contribution by releasing the variety 'Hema' has revolutionised the yields of black soil tobacco resulting in an average yield of 1500 to 1700 kg/ha brought laurels not only from the scientific community but also from the farmers.



G.V.G. Krishnamurthy : His work on Orobanche is internationally renowned and he is an authority on Orobanche research in India. His scientific contribution towards control of this dreaded pest on tobacco is acknowledged nationally and internationally.

Dr. M.K. Chakraborty : For his outstanding contribution in alternate use of tobacco like Nicotine Sulphate, Solanesol, Leaf Protein, etc. and also for laying foundation in technological parameters of FCV and non-FCV tobacco in India. He also developed a suitable technology for reduction of tar in the manufacture of bidis.

V.V. Ramana Rao : For his outstanding contribution in the development of high yielding varieties of Natu tobacco like Viswanadh, Natu Special and also for his contribution in the development of FCV tobacco with special reference to transfer of resistance to pests and diseases.

1998

Dr. B.V. Ramakrishnayya : For outstanding contributions in imparting mass Training Programmes, creating awareness on quality in KLS tobacco and researches on Potash deficiency in NLS and recommending omission of P and K in heavy soils.

Dr. T.D. Prasada Rao : For outstanding contribution in revolutionizing the Northern Light Soil crop from the filler tobacco to semi-flavourful tobacco. Introduced the concept of ripeness and grading of tobacco according to ripeness.

Dr. R. Lakshminarayana : For releasing high yielding FCV tobacco varieties viz., CTRI Spl. Gauthami, VT-1158 and many of the ruling varieties in non-FCV tobacco; his contributions in physiological and genetic basis of drought resistance in tobacco.

G. Ramaprasad : For outstanding contribution in control and management of tobacco insect-pests, viz., tobacco caterpillar, aphid and ground beetles. Also for contributions in neem products and IPM.

Dr. D.J. Patel : For outstanding contribution in the control and management of root-knot nematodes, damping-off and cigarette beetle on bidi tobacco.

Dr. J.A.V. Prasad Rao : Major contributions are on nitrogen requirement of 16/103 and CM-12, saving of phosphorus in NLS and seed bed management. Published several popular articles in English and Telugu.

G.S.B. Prasannasimha Rao : Major contributions involved in the release of high yielding varieties viz., Hema, Gauthami, VT-1158, Hema (MR) and 16/103 (MR), besides chewing tobacco varieties of Tamil Nadu and Natu varieties grown in Andhra Pradesh.

A.T. Muddappa : For identifying agro-climatic zones for the development of Burley tobacco and popularizing the CTRI package of practices through on-farm trials in NLS and SLS.

M. Umamaheswara Rao : For outstanding contribution in developing agronomical practices of newly released varieties and the effect of crop rotation sequences on the yield and quality of flue-cured Virginia tobacco in black cotton soils of Andhra Pradesh.

Dr. V. Krishnamurthy : Contributions centered around the influence of potassium on the yield and quality of FCV tobacco in NLS, besides highlighting the balanced fertilizer requirement for healthy growth of tobacco.

2000

Dr. A.D. Patel : For his outstanding contribution in releasing different bidi (GT 4, GT5, GT7, GTH1) and chewing (GT6, G8, GC1 and GCT 2) tobacco varieties and hybrids to increase the productivity.

Dr. P.P. Singh : For his research and developmental activities in the utilization of tobacco waste and for his contribution in lowering the tar and nicotine deliveries of Indian Cigarette brands.

Dr. M.M. Shenoi : For his contribution towards integrated pest and disease management of

tobacco, biological and pathological studies on pests and diseases and association in the development of FCV tobacco cultivars K-326 and Ratna.

S. Sitaramaiah : For his contribution towards IPM practices for the management of insect pests on tobacco in popularizing the use of neem in the 2000 management of tobacco caterpillar and work on biological control.

Dr. P.R.S. Reddy : For his contribution to the growth and development of Indian Society of Tobacco Science and to the tobacco research in the field of phosphorus and potassium nutrition in Vertisols and leaching loss of nitrogen in NLS.

C.R. Nageswara Rao : For his active participation in the society activities and efforts to strengthen the society financially.

2003

Dr. K. Deo Singh : Dr. Kapil Deo Singh has shown flair for excellent Research in relevant fields of tobacco right through his career. He has made significant contributions in developing and standardizing highly remunerative production technologies and cropping systems for FCV tobacco in Andhra Pradesh and non-FCV tobacco in Bihar and West Bengal. His keen insight into the most important feature of Indian Tobacco namely low TSNA levels made him project the image of Indian Tobacco at the World meet of CORESTA Congress 2002. His efforts to provide infrastructure facilities and aesthetic look to CTRI are well appreciated.

Dr. P. Dayachari : Dr. P. Dayachari, IAS, Chairman, Tobacco Board has although exhibited a scientific approach to tackle the problems facing tobacco production, marketing and exports. His strong support to research and development and excellent encouragement to scientific community is commendable. His effort to bring all the agencies responsible for production and export of tobacco together to boost up export of Indian tobacco is laudable.

S. Janardhan Reddy : Sri S. Janardhan Reddy Chief Executive, ITC Ltd., ILTD Division strived to extend the results of scientific research to cultivators so as to improve their economic well being. He established successful network of scientists, farmers and trade to enhance the economic potential of the crop and boost exports. He worked for further strengthening of the Society and its relationship with trade.

Dr. B.K. Patel : Dr. B.K. Patel has been an outstanding scientist in the Soil Science and Agricultural Chemistry. His achievements include nitrogen and irrigation management in bidi and Rustica tobacco, sucker control, and reduction of pesticide residues in bidi tobacco. He has also contributed on maximization of tobacco leaf protein concentrates and tobacco seed oil.

K. Appa Rao : In view of his contribution to the farming community through release of promising varieties and original work Cytogenetics of tobacco, as well as his association with ISTS in different capacities, Late Sri K. Appa Rao was conferred the FISTS posthumously.

Dr. S.R. Prabhu : Dr. S.R. Prabhu in his long service worked on tobacco aroma, botanical pesticides and alternate uses of tobacco with far reaching implications in the cultivation and product manufacture. His work on botanical pesticides comprising Pongamia and neem are encouraging. Similarly, his research on Solanesol and nicotine sulphate is promising.

A.I. Narayanan : Sri A.I. Narayanan in his 25 years of service contributed for cultivar development in FCV and Burley tobaccos. The recent FCV tobacco varieties Kanthi (Cy 79) for SLS area and Swetha (BSRB 2) for agency burley area of Andhra Pradesh are first such varieties developed for the respective tracts. His contribution in tobacco Cytogenetics and mutation breeding are worth mentioning.

Dr. P. Harishu Kumar : Dr. P. Harishu Kumar was conferred FISTS for his contribution in cropping systems research and development of appropriate crop production technologies in vertisols and his contribution to ISTS as Editor.





2005

Dr. C.V. Narasimha Rao : For his research contribution towards leaf and smoke chemistry, analytical methods for extraction of phytochemicals especially solanesol and for evolving suitable approaches for reduction of harmful constituents like tar and nicotine. He made significant contribution for growth of ISTS.

Dr. K. Palanichamy : He contributed for the improvement of different types of tobacco especially chewing tobacco of Tamil Nadu. His work on Biometrical and biochemical genetics and mutation breeding is outstanding.

Dr. B.N. Bhat : His contributions in the development of bidi tobacco varieties for the Nipani area of Karnataka is well recognised.

R. Subba Rao : He developed crop production technologies for non-FCV tobaccos such as cigar filler, chewing, HDBRG, wrapper, especially in burley tobacco. He also made significant contribution in FCV tobacco grown in Vertisols of Andhra Pradesh.

M. Sannibabu : He worked on water management of FCV tobacco grown under NLS and also on fuel saving methods in flue-curing. He served the tobacco farming community by transferring tobacco production technologies.

Dr. U. Sreedhar : For his research contribution in use of cultural practices, biologicals and selective insecticides for management of tobacco pests, development and demonstration of IPM modules in tobacco which helped in reducing pesticide residues in Indian tobaccos. He made significant contributions to the growth and image of ISTS.

Dr. M. Mani : He contributed for development of high yielding varieties and hybrids in FCV tobacco. He designed and developed the tray nursery system for the usage of hybrid seeds. He served the ISTS in various capacities.

2009

Dr.T.G.K.Murthy : He contributed for the development of high yielding FCV tobacco varieties (Siri and Kanthi), FCV tobacco hybrids (CH-1, CH-3, TBSH-1 &TBSH-2) and black shank resistant Burley variety, BSRB-2. He also developed several resistant lines for insect pests particularly tobacco aphid.

M.M.Yusuff : Instrumental in formation of core committee in Karnataka for leaf development activities. Contributed towards barn insulation with paddy straw, furnace modification with venturi furnace enabling fuel saving in tobacco curing and identification of alternative sources of fuel for tobacco curing . He made significant contribution to the growth of ISTS.

Dr. C.C.S Rao : His major contributions include fertilizer adjustments to leaching losses in FCV tobacco in light soils of A.P., omission of P and K in FCV tobacco grown in vertisols, recommendation of calcium nitrate, potassium nitrate and rock phosphate in FCV tobacco.

Dr. T.L. Lakshmi Narasaiah : For his contributions in research and developmental activities pertaining to HDBRG, sun-cured Natu, DWFC, light soil burley and Oriental tobaccos. He has contributed to the growth of ISTS.

2011

Dr. S. Amarnath for his contributions in development of high yielding and disease resistant chewing and hookah tobaccos. He has developed chewing tobacco varieties viz., Lichhivi, Vaishali Special, PT 76 and hookah tobacco variety Torsa.

Dr. T.S. Vageesh for his major contributions in soil and nutrient management in FCV tobacco. Recycling of industrial wastes for agricultural purposes, nutrient uptake pattern of irrigated cropping systems and long-term changes in soil fertility under irrigated cropping systems.

Dr. K. Siva Raju: His contributions include DNA fingerprinting of tobacco types, effect of cultural factors on quality and neutral volatile aroma compounds in different tobacco types, development of SSR markers specific for tobacco and registered 75 sequences in NCBI.

2019

Dr. D. Damodar Reddy for his outstanding research contributions in the field of soil science and for able leadership in research management relating to tobacco in the country. The core areas of his research contributions include tropical soil fertility and nutrient management for production efficiency and produce quality, innovative techniques for efficient use of organic resources for soil health improvement, new analytical methods for nutrient and pesticide assay, developing high yielding and superior quality tobacco varieties, improved production practices for tobacco and agri-extension services for the benefit of farmers.

Dr M. Anuradha for her contributions in identification and management of nutritional disorders, development of climate resilient technologies in FCV tobacco cultivation and crop intensification strategies in rain fed areas. She advocated these technologies to farmers of southern region of Andhra Pradesh which helped to minimize the yield losses under changed climatic scenario. She has contributed for the growth and development of ISTS.

Dr. K. Sarala for her significant contributions in releasing tobacco varieties (5 No.), micropropagating elite entries, phenotyping and genotyping of tobacco genetic resources and *bt* transgenics/trasplastomics, developing mapping populations, designing gene specific primers, DNA barcoding *Nicotiana* species (24 No.), managing tobacco germplasm (3370 accessions), developing softwares (5) and a mobile app, etc.

Dr. S. Kasturi Krishna for her major contributions in production technologies including integrated nutrient management in FCV and burley tobacco, higher biomass yield for alternative uses, integrated weed management in nursery and field crop, Orobanche management in tobacco. Developed economically sustainable cropping systems in FCV tobacco, alternative crops/ cropping systems to tobacco. Contributed to tobacco development by publishing 65 research papers and imparted trainings to Tobacco board staff, trade and tobacco growers.

Dr L. K. Prasad for his significant contributions in developing GIS-based decision-supporting tools, soil fertility spatial maps of water and soil quality FCV tobacco growing areas, i.e NLS, SBS, SLS and KLS, developed protocols for pesticide residue assessment and augmenting planting time for high fertilizer utilization under light soil-grown FCV Tobacco and non- destructive estimation of leaf quality parameters.

Dr. D.V. Subhashini for her significant contributions in developing biofungicide against *pythium aphanidermatum*, maintainanace of promising microbial cultures as resources, supplied bioinoculants for tobacco farmers, acquired accession numbers for nucleotide sequences for novel microbes from NCBI developed novel technique for staining AM fungal roots, developing protocols for mass multiplication of arbuscular micorrhizae fungi.

Sri. G. Krishna Kumar, Vice President, Leaf Operations, ITC Ltd for his significant contributions in Extension, Development, Industry & Trade, Policy & Regulation.

Dr. P. Srinivas, Principal Scientist, ITC Ltd., Agribusiness Division, Rajahmundry for his contributions in Extension, Development, Industry & Trade, Policy & Regulation.

Sri. D. S. Jithendra Kumar, Vice President, GPI Ltd, for contributions in Extension, Development, Industry & Trade, Policy & Regulation.

