STAKEHOLDERS' MEETING ON
INCREASING WOOD PRODUCTION INCASUARINA PLANTATIONS

Organized by
ICFRE-Institute of Forest Genetics and Tree Breeding, Coimbatore
(Indian Council of Forestry Researchand Education)
In collaboration with
ICAR-KrishiVigyan Kendra, Tindivanam
(Tamil Nadu Agricultural University)

03 July 2025

Report on Stakeholders Meeting

Organizing Team

Chief Patron	Dr.R.Yasodha, Director,ICFRE-IFGTB
Parton	Dr.B.Nagarajan, Group Cordinator Research,ICFRE-IFGTB
Convener	Dr. A.Nicodemus, Scientist-G & NPC on Casuarina, ICFRE-IFGTB
Advisor	Dr. D. Rajasugunasekar, Scientist-G & Head, GTI , ICFRE-IFGTB
Organizing Secretary	Dr.A. Mayavel, Scientist-E, ICFRE-IFGTB
Organizing Committee Members	Dr.C.Buvaneswaran,Scientist-G, ICFRE-IFGTB
	Dr.A. Karthikeyan Scientist-G, ICFRE-IFGTB
	Dr. V. KaviSidharthan, Scientist-C ,ICFRE-IFB
	Dr.S.Thiruvarasan,Program Coordinator,ICAR-KVK,Tindivanam
	Shri.P.Vipin, Senior Technician,ICFRE-IFGTB

A stakeholders meeting on "Increasing Wood Production in Casuarina Plantations" was held on 3rd July 2025 under the All India Coordinated Research Project on Casuarina (AICRP-1). Funded by the National CAMPA,Ministry of Environment, Forest and Climate Change (MoEF&CC), Government of India .The event was organized by the ICFRE-Institute of Forest Genetics and Tree Breeding (ICFRE-IFGTB), Coimbatore in association with ICAR-KrishiVigyan Kendra (KVK), TNAU, Tindivanam. A total of 130 participants representing

various stakeholder groups viz.. farmers, wood-based industries, licensed nursery operators, researchers and extension workers attended the programme. The list of participants and their affiliation are provided in Annexure I. The program commenced with registration and TamilthaiVazhthu.

Dr. A. Nicodemus, Scientist-G and National Program Coordinator on Casuarina, ICFRE-IFGTB, delivered the welcome address and explained the objectives of the meeting. He emphasized the significance of Casuarina as a short-rotation, climate-resilient tree species ideal for farm forestry in coastal and semi-arid zones. He highlighted achievements under AICRP on Casuarina including testing of high-yielding clones, refinement of agro-techniques, and the establishment of anetwork involving all stakeholders. Stressing the importance of strengthening linkages between research institutions, farmers and pulpwood industries andhe explained the meeting's objective to disseminate the latest research findings to all stakeholders leading to increasing wood production in farm forestry and agroforestry plantations. Dr. S. Thiruvarasan, Program Coordinator, ICAR-KVK, Tindivanam, in his special address, underscored the relevance of Casuarina-based agroforestry in promoting rural livelihoods and sustainable land use. He noted that integrating Casuarina with agricultural crops enables income diversification and soil improvement through organic matter enrichment. He emphasized collaborative approaches to address issues like planting material supply and market access.He assured KVK-Tindivanam's continued support in implementing farmer-centric agroforestry models and awareness programs.

Dr. D. Rajasugunasekar, Scientist-G and Head, Genetics and Tree Improvement Division, ICFRE-IFGTB, presented advancements under AICRP-Casuarina. He pointed the role of systematic breeding and multilocation testing in developing high-yielding and site-specific varieties. He highlighted the widespread adoption of the IFGTB-CH-5 clone, known for superior growth, disease resistance and uniformity, across diverse regions including Tamil Nadu, Andhra Pradesh, Karnataka, Gujarat and Odisha. He also introduced the third edition of Cultivation Guide for Casuarina which provides all the latest information on Casuarina cultivation in farmlands and published in Tamil, Hindi, English and four other languages.

Dr. K. Jayakumar, Deputy General Manager (Forestry), Tamil Nadu Newsprint and Papers Limited (TNPL), delivered the inaugural address. He underscoredthe importance of quality planting stock and scientific interventions for sustainablyincreasing pulpwood raw material production for the pulp and paper industry. He commended ICFRE-IFGTB for releasing high-performing clones like IFGTB-CH-5 popularly called"Speed Clone" which TNPL has beendistributing to farmers and deployed in its farm forestry initiatives. This adoption has resulted in improved productivity, shorter rotation cycles and enhanced pulp quality. He also highlighted how CH-5 has strengthened raw material security and increased the income of small and marginal farmers through assured buy-back mechanisms. He acknowledged the support of ICFRE-IFGTB in promoting elite planting material and reiterated TNPL's commitment to

working closely with research institutions and farming communities to expand Casuarina cultivation sustainably.

Technical Session -I

Technological Interventions for Improving Productivity of Casuarina Farm Forestry Plantations

Speakers:

1. Dr.A.Nicodemus,Scientist-G (Breeding)
2. Dr.C.Buvaneswaran,Scientist-G (Silviculture)
3. Dr.A. Karthikeyan Scientist-G (Pathology)
4. Dr.A.Mayavel, Scientist-E, (Breeding)
5. Dr. V. KaviSidharthan, Scientist-C (Pathology)

The first technical session focused on advanced technological interventions to enhance the productivity of Casuarina plantations. This session was conducted by a panel of senior scientists from ICFRE-IFGTB and ICFRE-IFB, Hyderabad and offered practical insights for farmers, nursery operators and industry representatives.

Dr. A. Mayavel, Scientist-E, ICFRE-IFGTB, begun the session by stressing the importance of multi-clonal plantations in minimizing genetic vulnerability and ensuring yield stability. He introduced the improved Casuarina hybrids released by CH1, CH2, CH5and CJ9. He elaborated on the adaptability and productivity of each clone, noting that CH5 is preferred for its superior growth and pulpwood quality, while CH 2 is known for its robust performance under varied environmental conditions and CH1 for its disease tolerance and coppicing ability.

He stressed that quality planting material is the foundation for achieving high productivity. He recommended that CH clones should be treated with bio-control agents in the nursery stage to ensure healthy planting stock and early protection against soil-borne pathogens. He also emphasized weed management, particularly in the first six months and provided strategies for nutrient and water management, including the “wetting and drying” irrigation technique to promote deep root growth and water useefficiency.

Dr. C. Buvaneswaran, Scientist-G, spoke on the critical relationship between spacing, clone type and productivity. He shared experimental findings that revealed optimum population densities often result in higher productivity per tree in a shorter duration, whereas high-density plantations can reduce per-tree yield due to competition. He presented case studies from Andhra Paper Limited and Tamil Nadu Newsprint and Papers Limited, demonstrating how strategic spacing decisions significantly affect wood volume output. He also introduced the alley cropping model involving Casuarina, which integrates agriculture and forestry for enhanced land-use efficiency and income diversification.

Dr. A. Karthikeyan, Scientist-G, focused on diseases and pest management in Casuarina plantations. He addressed key concerns such as collar rot and bacterial wilt, which cause significant mortality in young plantations. He advocated for the application of bio-control agents,

such as *Trichoderma* spp. and *Pseudomonas fluorescens*,*Micromonospora*and*Frankia* as an effective, eco-friendly strategy for disease prevention. He also discussed the major insect pests affecting Casuarina, including stem borers and leaf feeders and recommended integrated pest management (IPM) approaches. Dr. V. KaviSidharthan, Scientist-C, ICFRE-IFB shared farmers' experience of tackling diseases and insect attack in Andhra Pradesh and Telangana. He emphasized regular monitoring of plantations to prevent or early control of diseases. Emphasis was placed on early diagnosis, biological control measures and reducing chemical pesticide usage to maintain ecological balance and long-term plantation health.This session provided a comprehensive overview of both field-level practices and scientific advancements, reinforcing the need for integrated, location-specific approaches to improve productivity, sustainability and profitability in Casuarina-based farm forestry.

Dr. A.Nicodemus concluded the session by reiterating the importance of adopting a holistic management approach combining genetic improvement, nursery practices, field interventions and pest-disease control to maximize the economic returns of Casuarina plantations. He encouraged participants especially casuarina nursery producers and farmers to implement the best practices shared during the session and to actively collaborate with ICFRE-IFGTB and extension agencies for technical support. This session underscored that science-backed interventions, site-specific clone selection and farmer-industry-research synergy are the key drivers for achieving higher productivity, improved wood quality and sustainable agroforestry development using Casuarina.

Technical Session II

Challenges in Cultivation of Casuarina in Farm ForestryIndustry Perspectives **Speakers:**

1.Shri N. Ravi, Assistant General Manager, Tamil Nadu Newsprint and Papers Limited (TNPL)
2. Shri B. Suresh, Deputy General Manager, Andhra Papers Limited (APL)
3. Shri M. Selvam, Chief Forestry Officer, Seshasayee Paper and Boards Limited (SPB)

The second technical session of the Stakeholders' Meeting brought forward crucial insights from key industry representatives regarding the challenges in the cultivation and supply of Casuarina in farm forestry systems. This session focused on the industrial demand for pulpwood, current sourcing practices and the constraints faced in maintaining a consistent raw material supply chain.

Shri N. Ravi from TamilNadu Newsprint and Papers Limited, emphasized the growing industrial requirement for high-quality pulpwood and noted that while improved clones like IFGTB-CH5 have enhanced productivity He also pointed out logistical challenges in procurement, raising harvesting and transportation costs and the need for developing mechanized harvesting.

Shri B. Suresh from Andhra Paper Limited shared similar concerns found in Andhra Pradesh and stressed the importance of strengthening farmer-industry linkages through transparent buy-back agreements and fair pricing mechanisms. He also discussed issues related

to monoculture plantations, pest outbreaks and land use competition in certain zones. He called for region-specific demonstration plots for rain-fed casuarina cultivation, ratooning of clonal plantation collaborative research to address site-related limitations and enhance clone adaptability.

Shri M. Selvam from SPB highlighted the industries commitment to sustainable sourcing and the significance of consistent supply to maintain operational efficiency. He advocated for a robust nursery network to supply disease-free, certified clones to streamline wood productivity. He also noted the urgent need to promote clonal diversity,integrated pest and disease management to reduce risks at the plantation level.

This session concluded with a shared understanding that synchronizing research, farmer outreach and industry engagement is essential for overcoming challenges in Casuarina cultivation and securing a sustainable supply chain for India's growing pulp and paper sector.

Technical Session III

Quality Planting Stock Production of Casuarina and Constraints in Multiplication **Speakers :**

1.Shri. G. Pandiyarajan, Podigai Wood Decors Ltd.
2. Shri. P. Sakthivel, Shanthi Clonal Nursery
3. Shri. S. Senthil, SangeethaHi-tech Nursery
4. Shri. V.S. Anandakumar, Anand Clonal Nursery

This session brought together nursery partners licensed by ICFRE-IFGTB for mass multiplication and supply of Casuarina hybrid clones.Theydiscussed field-level constraints, best practices and the importance of maintaining highquality standards for consistent productivity.
Shri.G. Pandiyarajan from Podhigai Wood Decors Ltd highlighted the scale and capacity of their operations, noting that they maintain over 80 acres of hedges as vegetative multiplication garden (VMG) for the high-performing Casuarina clones like CH5. He emphasized that the health and genetic purity of the source plants(ortets) are critical to the success of mass multiplication. He also acknowledged constraints faced by them such as the high cost of rooting material, maintaining large-scale VMGresulting in the raising of price of clonal plants.

Shri. P. Sakthivel**,** representing Shanthi Clonal Nursery**,** emphasized the importance of planting of uniform planting stock significantly contributes to improvedvigor, stem form, and yield consistencyin Casuarina plantations, He reiterated thatwell-maintained VMG forms the foundation of any successful clonal nursery operation**,** asthe health and genetic stability of these mother blocks directly influence the quality of the rooted cuttings**.**

Shri. S. Senthilkumar from SangeethaHi-tech Nursery discussed the economic aspects of planting stock production, noting that cost of production is directly influenced by input management, including fertigation and pest control measures in the mother plant area. He suggested that fertigation using balanced nutrient solutions significantly improves the rooting percentage and vigor of clones.

Shri. V.S. Anandakumar of Anand Clonal Nursery highlighted the critical importance of maintaining the continuous availability of elite mother plants as a foundation for consistent and large-scale quality seedling production. He emphasized that mother plant health and productivity directly influence the rooting success and field performance of propagated clones.He shared that sequential grading of weak and underperforming seedlings is an essential nursery practice to ensure uniformity and avoid variability in plantation outcomes.He proudly reported that AnandClonal Nursery has produced over 50 lakh Casuarina plants, for meeting the growing demands of farmers and industries.

This session concluded with a consensus on the need to strengthen the linkage between research institutions and licensed nurseries, addressing issues such as rising production costs, biosecurity and clone-specific nutrient requirements was also identified as essential for sustaining nursery-based agroforestry supply chains.

Technical Session IV
Interaction Evolving Common Package of Practices (PoP)and Challenges Faced by Farmers

Speakers:

1.ShriS. Bhaskar**,** Progressive farmer, Vandavasi
2. Shri A. Vishwanathan,Progressive farmer, Nallalam
3. ShriR.Moorthy, Progressive farmer, Pathirapuliyur
4. ShriM.Subramaniyam, Progressive farmer, Koduvai

Shri S. Bhaskar, a progressive Casuarina farmer from Vandavasi shared his practical experiences and the challenges commonly faced by farmers in the field. Notably, he reported an impressive yield of 125 tonsof wood per acre at 46 months after planting (MAP) showcasing the potential of well-managed Casuarina plantations.He attributed this success to the adoption of a scientifically guided Package of Practices (PoP), which includes land preparation, spacing, efficient weed management, timely pruning and strategic crop rotation. He elaborated on his approach for achieving 200 tonnes per acre, emphasizing the precision silviculture management.He highlighted weed management during the first six months as a critical factor for robust seedling establishment, followed by minimal intervention in later stages. To address soil health and disease issues, he recommended rotating Casuarina with paddy, which helps in managing root-zone pathogens and maintaining nutrient balance.In his concluding remarks he affirmed that Casuarina can be a highly profitable agroforestry crop when managed systematically. His insights provided practical value and inspiration for fellow farmers attending the stakeholder meeting.

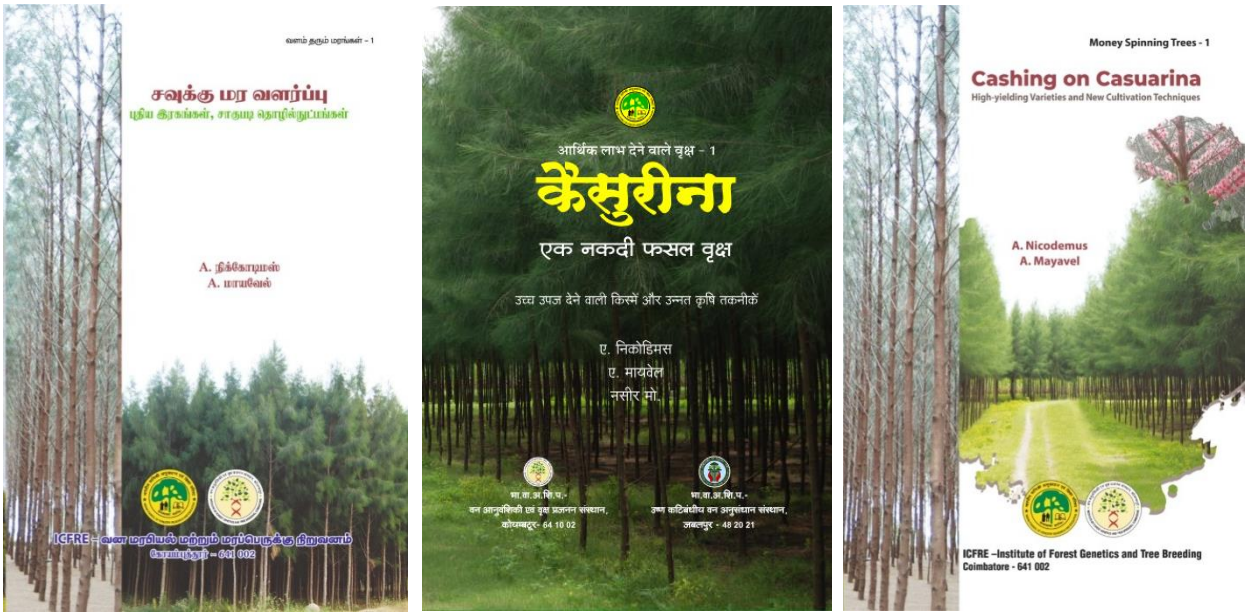
Shri. A. Vishwanathan Progressive farmer, Nallalam appreciated the dedication of ICFRE-IFGTB scientists, during development and demonstration of high productive clones of casuarina in his own field. He also acknowledged the performance of different hybrid clones for improved productivity.Shri.R.Moorthy and Shri.M.Subramaniyam, Progressive farmers, shared

their experience on cultivation of casuarina hybrid clones in his field and stressed the importance of quality planting material towards the improving the productivity.

Session V

Concluding Remarks and Valedictory

The workshop ended with a valedictory session participated by senior officials of paper industries, KVK scientists, licensed nursery producers and progressive farmers.There was a unanimous proposal to hold similar Stakeholders Meeting every year to take stock of the latest progress and problems and suitably adopt and address the same for the benefit of all.Dr. A. Mayavel, Scientist-E, ICFRE-IFGTBand Organizing Secretary of the meeting delivered the Vote of Thanks, acknowledging the contributions of all dignitaries, participants and collaborating institutions. He expressed special appreciation to Dr. A. Nicodemus, National Project Coordinator, AICRP on Casuarina for his leadership and steering the national-level Casuarina improvement initiative. He thanked Dr. S. Thiruvarasan for highlighting the extension dimension of agroforestry and Dr. D. Rajasugunasekar for outlining research achievements. He also extended gratitude to Dr. K. Jayakumar for his industry insights and emphasis on collaboration for farmer empowerment. He acknowledged the active involvement of scientists, farmers, licensed nurseries and pulpwood industry representatives and appreciated the seamless coordination by the organizing teams of ICFRE-IFGTB and KVK-Tindivanam. He concluded by expressing optimism that the discussions would result in actionable strategies and sustained collaboration to scale up Casuarina-based agroforestry for improved wood productivity and farmer livelihoods.On behalf of all Stakeholders, Dr. K. Jayakumar felicitated Dr. A. Nicodemus for developing high yielding varieties of Casuarina and building up a network of scientists, industries, nurseries and farmers for large-scale multiplication of authentic planting material and making them accessible to farmers at an affordable cost. According to him these initiatives have lead to a kind of revolution in Casuarina cultivation making it highly profitable for farmers and securing pulpwood raw material availability to the industries. He also placed in record the Stakeholders' appreciation for the efforts of Director, Scientists and other Staff of ICFRE-IFGTB who have contributed to the Casuarina improvement research.



Casuarina Cultivation Guides Provided to the Participants of the Stakeholders Meeting

Welcome Address and Workshop Overview by Dr. A.Nicodemus, Scientist-G & National Program Coordinator on Casuarina, ICFRE-IFGTB

Special address by Dr. D. Rajasugunasekar, Scientist-G & Head, Genetics and Tree Improvement Division, ICFRE-IFGTB

Inaugral Address by Shri. K. Jayakumar, Deputy General Manager, Tamilnadu Newsprint & Paper Limited, Karur

Spacing Management for Improving Productivity of Casuarina Farm Forestry Plantations by Dr.C.Buvaneswaran, Scientist-G, ICFRE-IFGTB

Address on Disease Management of Casuarina by Dr. A. Karthikeyan, Scientist-G ICFRE-IFGTB and Dr.KaviSiddarthan Scientist, ICFRE-IFB, Hyderabad

Challenges in Cultivation of Casuarina in Farm Forestry: Industries Perspectives by representatives of TNPL, APL and SPB

Quality Planting Stock Production of Casuarina and Constraints in Multiplications by ICFRE-IFGTB Licensed Nursery Producers

Experience in Cultivation of Casuarina shared by Shri.S. Bhaskar, Progressive Farmers

Interaction of Farmers with Scientist, Industries and the Quality Planting Stock Producers

Group Photo of the Participants

Dr. A. Mayavel, Scientist-E, ICFRE-IFGTB and Organizing Secretary of the meeting delivered the Vote of Thanks,

Annexure-I

List of participants from ICFRE Institutes

S.no	Name	Designation	Institute
1	Dr. A. Nicodemus	Scientist G	GTI Division, IFGTB
2	Dr. D. Rajasugunasekar	Scientist G	GTI Division, IFGTB
3	Dr. A. Karthikeyan	Scientist G	FP Division, IFGTB
4	Dr. C. Buvaneswaran	Scientist G	FECC Division, IFGTB
5	Dr. A. Mayavel	Scientist E	GTI Division, IFGTB
6	Dr. KaviSidharthan	Scientist C	IFB, Hyderabad
7	Vipin P	Technical Assistant	GTI Division, IFGTB
8	K. Gopinath	JRF	GTI Division, IFGTB

List of delegates attended from Paper Industries

S.no	Name	Designation	Industry
1	Dr. K. Jayakumar	Deputy General Manager	TNPL
2	N. Ravi	Assistant General Manager	TNPL
3	Dr. P. Chezhiyan	Chief Manager (Plantation)	TNPL
4	B. Suresh	Deputy General Manager	Andhra Paper Ltd
5	S.Murali	Supervisor, Karsanoor	TNPL
6	P.Jayakumar	Supervisor, Karsanoor	TNPL
7	K.kumaran	Supervisor, Marakkanam	TNPL
8	N.Mugeshraj	Supervisor, Marakkanam	TNPL
9	A.Nithyanadham	Supervisor, Vanur	TNPL
10	G.Balu	Supervisor, Andarayanallur	TNPL
11	M.Selvam	Chief Forest Officer	SPB Ltd
12	M.Sivakumar	Manager	SPB Mill
13	M.Prakash	Supervisor	SPB Mill
14	S.Gokulraj	Supervisor	SPB Mill

List of participants from Licensed nurseries

S.no	Name	Nursery	Location
1	Pandiyarajan	Podigai Wood Decors Ltd	Tiruchy
2	R.Subburayalu	Podigai Wood Decors Ltd	Tiruchy
3	R.Balaji	Podigai Wood Decors Ltd	Tiruchy
4	R.Dhandapani	Podigai Wood Decors Ltd	Tiruchy
5	S.Senthilkumar	SangeethaHitechNurserry	Cuddalore
6	P. Sakthivel	Santhi Clonal Nursery	Cuddalore
7	V.S. Aandhakumar	Anandh Clonal Nursery	Cuddalore
8	R.Manikandan	Anandh Clonal Nursery	Cuddalore
9	N.Sivakumar	Anandh Clonal Nursery	Cuddalore

List of participants from KVK, Tindivanam

S.no	Name	Designation	Division
1	Dr.S.Thiruvarassan	Programme Coordinator	KVK,Tindivanam
2	Dr. S.Ganapathy	Subject Matter Specialist	Plant Breeding & Genetics

3	Dr. V. Vijaygeetha	Subject Matter Specialist	Land evaluation
4	Dr.Shibi Sebastian	Subject Matter Specialist	Agricultural Extension
5	Dr.E.Jamuna	Subject Matter Specialist	Agrl.Microbiology
6	S.Deepika	Program Assistant	Soil Science
7	R.Rajeshkannan	Farm Manager	Horticulture
8	S.Natarajan	Junior Assistant	Administration

List of farmers participated in the program

S.no	Name	Village	District
1	R.Ramu	Kilkoothapakkam	Viluppuram
2	S.Narayanasamy	Ilavampattu	Viluppuram
3	E.Selvamoorthi	Pangulathur	Viluppuram
4	R.Duraisamy	Pangulathur	Viluppuram
5	K.C.Rajendiran	Karnavoor	Viluppuram
6	G.S.Natrajan	Ongur	Viluppuram
7	E.R.S.Senthilkumar	Paliputhupathu	Viluppuram
8	A.Durairaj	Karaimedu	Viluppuram
9	A.Subramaniyan	Koluvari	Viluppuram
10	S.Thirumal	Krishnapuram	Viluppuram
11	E.Dhakshanamoorty	Annampathu	Viluppuram
12	S.Lakshmi Narayanan	Pangulathur	Viluppuram
13	P.Ramakrishnan	Karungalipathu	Viluppuram
14	V.Dharunraj	Agasampathu	Viluppuram
15	T.Dhakshnamoorthi	Siruvai	Viluppuram
16	R.Achuthan	Thirupachanoor	Viluppuram
17	S.Krishnakumar	Kavanipakkam	Viluppuram
18	P.Vengatesan	Karungalipathu	Viluppuram
19	L.Jagatheesan	Nallamoor	Viluppuram
20	V.M.Mani	Kadavampakkam	Viluppuram
21	Vishnu veerasamy	Pangulathur	Viluppuram
22	N.Anadhakumar	Peramandur	Viluppuram
23	S.Dhandapani	Uzlvaraplayam	Viluppuram
24	P.Parthasarathi	Peramandur	Viluppuram
25	E.Shanmugam	Kovadi	Viluppuram
26	M.vijayaraghavan	Karsanoor	Viluppuram
27	T.Palani	Karsanoor	Viluppuram
28	P.Ramalingam	Alankuppam	Viluppuram
29	E.Sundaramoorthy	Alankuppam	Viluppuram
30	L.Senthamaraikannan	Ganapathipathu	Viluppuram
31	G.Kayayam	Pondicherry	Viluppuram
32	P.Shankar	Ganapathipathu	Viluppuram
33	P.Subbarayalu	Alankuppam	Viluppuram
34	R.Thiyagarajan	Munnur	Viluppuram
35	S.Balaraman	Brahmadesam	Viluppuram
36	E.Ravichandran	Munnur	Viluppuram
37	J.Moorthy	Pathirapuliyur	Viluppuram

38	A.loganathan	Alagukuppam	Viluppuram
39	E.Veeraragavan	Pangulathur	Viluppuram
40	P.Sethuraman	Thailapuram	Viluppuram
41	B.Prabakaran	Akshipakkam	Viluppuram
42	S. Bhaskar	Vandavasi	Viluppuram
43	E.Venkadesan	Alankuppam	Viluppuram
44	M.Selvamuthrkumaran	Eraiyur	Viluppuram
45	P.Veerateshwaran	Mailam	Viluppuram
46	D.Ravikumar	Peramandur	Viluppuram
47	L.Malarselvi	Thiruchitrambalam	Viluppuram
48	A.Prakash	Methukuppam	Viluppuram
49	T.Ganesan	Methukuppam	Viluppuram
50	S.Ranganathan	Krishnapuram	Viluppuram
51	M.Aranganathan	Krishnapuram	Viluppuram
52	S.Prakash	Keelamanur	Viluppuram
53	S.Bhakthavachalam	Keelamanur	Viluppuram
54	G.Dhayalan	Keelamanur	Viluppuram
55	P.Sivasakthivel	Athiyurthirukai	Viluppuram
56	S.Gopalavasan	Katrampakkam	Viluppuram
57	P.Sakthivel	Panruti	Viluppuram
58	S.Balamurugan	Panruti	Viluppuram
59	N. Sarangapani	karnanur	Viluppuram
60	V.Murugan	Rettanai	Viluppuram
61	V.Arumugam	Rettanai	Viluppuram
62	S.Raji	Rettanai	Viluppuram
63	R.Chandrababu	Pangulathur	Viluppuram
64	V.Jagadesan	Rettanai	Viluppuram
65	Vishveswaran	Puducherry	Puducherry
66	A.Murugan	Rettanai	Viluppuram
67	P.Saravanan	Rettanai	Viluppuram
68	K.Ranganathan	Rettanai	Viluppuram
69	M.Kumervel	Peravur	Viluppuram
70	S.Rathanavel	Perampathu	Kallakkuruchi
71	P.Machavallala	Alankuppam	Viluppuram
72	N.Anandakumar	Peramandur	Viluppuram
73	S.Chokalingam	Pulichapallam	Viluppuram
74	T.Kangeyan	Puducherry	Puducherry