

ANNUAL REPORT 2022-2023

Sugarcane Research Station, Cuddalore

Name of the Station Sugarcane Research Station, Cuddalore – 607 001

Name of the Directorate Tamil Nadu Rice Research Institute, Aduthurai

Mandate / Objectives

- To develop sugarcane varieties with high yield and high quality for different seasons.
- To carry out research for increasing sugarcane production in the coastal belt.
- To develop cost effective and adoptable sugarcane production techniques.
- To formulate integrated pest and disease management practices for sugarcane.

New Initiatives and achievements of Sugarcane Research Station, Cuddalore

- ✓ As a funded center in AICRP for East coast zone, a voluntary centre Sirugamani was revived which facilitate to test our clones in the Peninsular zone and release at national level
- ✓ Established a Sugarcane Hybridization Garden at Paddy Breeding Station, Coimbatore for getting more fluff by all the three research station which paves way for screening large number of variable clones and probability of getting desirable clones are high.
- ✓ Laid demonstration plots for different planting systems with drip fertigation for the benefit of visiting farmers and students.
- ✓ Bio-formulation of Trash-D specific for *in-situ* sugarcane trash decomposition both under manual and mechanical harvest methods have been standardized. Validation of the technology was done
- ✓ An inauguration arch was constructed with a cost estimate 18.58 lakhs as a facelift to the station and inaugurated on 04.01.2023

Current Research Agenda

- Developing sugarcane varieties with high sugar content and resistance to red rot.
- Developing low cost production technology in lieu of modern tools and machineries like drones, nano fertilisers and harvesting machine
- Developing *in-situ* trash decomposers and technology for trash management.

Infrastructures developed during 2022-23

1. The training hall was furnished and equipped with modern Audio Visual Aids
2. Demolished all the dilapidated buildings with the approval of the university and farm roads were strengthened with the materials obtained from the demolitions
3. Drinking water facility was established for both the staff and workers.

Schemes / Projects operated (2020-2021)

S. No.	Name of the scheme	Sponsored by	Sanctioned amount (Rs.in lakhs)
1.	Main	TNAU, Coimbatore	19.34
2.	AICRP on sugarcane (PBG & Pathology)	ICAR, New Delhi	4.50
3.	VCS – V60 IH	TNAU, Coimbatore	10.26

Table 1. Seminar/Trainings Organized by the Research Centre during 2022-23

S. No.	Date		Training/ Seminar Title	Funding source	Category of participants	Number of participants
	From	To				
1.	04.06.2022	04.06.2022	Training on SSI technology in sugarcane on	ADA, Namakkal	ATMA farmers	40
2.	07.07.2022	07.07.2022	Exposure visit class on Sugarcane breeding and varieties, Pokkah Boeng disease and its management, Micronutrient deficiency symptoms, INM and decomposition of sugarcane waste to B.Sc., Agri. students from Vanavarayar Institute of Agriculture, Pollachi	SRS, Cuddalore	Students	60
3.	08.07.2022	08.07.2022	Exposure visit class on Sugarcane breeding and varieties, Pokkah Boeng disease and its management, Micronutrient deficiency symptoms, INM and decomposition of sugarcane waste to B.Sc., Agri. students from Vanavarayar Institute of Agriculture, Pollachi	SRS, Cuddalore	Students	60
4.	08.07.2022	08.07.2022	Exposure visit class on Sugarcane breeding and varieties, Pokkah Boeng disease and its management,	SRS, Cuddalore	Students	107

			Micronutrient deficiency symptoms, INM and decomposition of sugarcane waste to B.Sc., Agri. students from Adhiyaman College of Agriculture and Research, Krishnagiri			
5.	11.07.2022	11.07.2022	Exposure visit class on Sugarcane technology and physiology and Waste recycling & Sugarcane trash decomposing to B.Sc., Agri. from Jaya Agricultural College, Vyasapuram, Thiruvallur	SRS, Cuddalore	Students	107
6.	19.07.2022	19.07.2022	Meeting organized for adoption of FPO for one unit – one FPO initiative	SRS, Cuddalore	Department officials and FPO members	35
7.	20.07.2022	20.07.2022	Training on “Sugarcane production technologies	SRS, Cuddalore	Cane officials MRK Cooperative Sugar Mills, Sethiathoppe	50
8.	26.07.2022	26.07.2022	Conducted awareness program on Pokkah Boeng disease and its management and INM on sugarcane	Cheyyar Sugar mill ltd, Cheyyar	farmers and cane officers at Cheyyar Sugar mill ltd, Cheyyar	60
9.	27.07.2022	27.07.2022	Training on Sugarcane varieties and seasons, Pest and Disease management and nutrient deficiency symptoms	Chengalrayan Cooperative Sugar Mills, Periyasevallai	Cane officials and farmers of Chengalrayan Cooperative Sugar Mills	50

10.	27.07.2022	27.07.2022	Exposure visit class on Sugarcane technology , INM, physiology and Waste recycling & Sugarcane trash decomposing to B.Sc., Agri. students from JSA College of Agriculture Research Technology, Thittakudi	SRS, Cuddalore	Students	128
11.	04.08.2022	04.08.2022	Training on Pest and Disease management and INM in sugarcane	Kachirapalaym Co-operative Sugar Mill Ltd, Kallakurichi	Cane officials of Kachirapalaym Co-operative Sugar Mill Ltd and sugarcane farmers	60
12.	18.08.2022	18.08.2022	Training on Sugarcane Cultivation Technology and Pokkah boeng disease Management in Sugarcane	Perambalur Sugar Mill Ltd., K.Pudur and Pudhuvettakudi	Farmers and Cane officials	70
13.	25.08.2022	25.08.2022	Training on Sugarcane Cultivation Technology and Pokkah boeng disease Management in Sugarcane	Dhanalakshmi Srinivasan Private Sugar Mill Ltd., Pe. Kollathankuruchi	Farmers and Cane officials	60
14.	06.09.2022	06.09.2022	New sugarcane varieties and its characters, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane to the B.Sc., Agri. students from Vanavarayar Institute of Agriculture, Pollachi	SRS, Cuddalore	Students	107
15.	13.09.2022	13.09.2022	New sugarcane varieties and its characters, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane to the B.Sc., Agri. students from	SRS, Cuddalore	Students	120

			Sagayathottam Institute of Agriculture and Rural Development, Takkolam, Ranipet			
16.	19.09.2022	19.09.2022	New sugarcane varieties and its characters, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane to the B.Sc., Agri. students from SRM College of Agriculture Science, Kanchipuram	SRS, Cuddalore	Students	120
17.	21.9.2022	21.9.2022	Exposure visit class on “SSI in Sugarcane, INM in sugarcane and IPDM in sugarcane”	SRS, Cuddalore	TN- IAMP of Agricultural college and Research Institute, Vazhavac hanur, Tiruvanna malai	50
18.	21.9.2022	21.9.2022	New sugarcane varieties and its characters, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane to the B.Sc., Agri. students from Aravindhar Agricultural Institute of Technology, Kalasapakkam, Tiruvannamalai	SRS, Cuddalore	Students	120
19.	17.10.2022	17.10.2022	Exposure visit class “About the Institute and new sugarcane varieties and its characters, composting technologies, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its	SRS, Cuddalore	Students	20

			management in sugarcane to the IV BSc (Ag.) students from Faculty of Agriculture, Annamalai University, Chidambaram			
20.	18.10.2022	18.10.2022	Exposure visit class “About the Institute and new sugarcane varieties and its characters, composting technologies, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane” to the students of II year Dip. Agriculture students from PGP College of Agricultural Science, Palani Nagar, Namakkal	SRS, Cuddalore	Students	120
21.	02.11.2022	02.11.2022	Sustainable Sugarcane Initiative	ADA, Thirumanur block, Ariyalur	ATMA farmers	40
22.	04.11.2022	04.11.2022	Exposure visit class “New sugarcane varieties and varietal identification” and “Soil health management” to the students of Government Higher Secondary School from Manjakuppam and Valavanur, Cuddalore	Sugarcane Research Station	Students	35
23.	04.11.2022	04.11.2022	Exposure visit class “New sugarcane varieties and varietal identification” and “Soil health management” to the students of Government Higher Secondary School from Manjakuppam, Thookanampakam, and Valavanur, Cuddalore	Sugarcane Research Station	Students	35

24.	07.11.2022	07.11.2022	Exposure visit class “About the Institute and new sugarcane varieties and its characters, composting technologies, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane” to the students of of Adhiparasakthi Agricultural College, Kalavai, Ranipet	Sugarcane Research Station	Students	120
25.	10.11.2022	10.11.2022	Exposure visit class “About the Institute and new sugarcane varieties and its characters, composting technologies, INM in sugarcane, IPDM in Sugarcane, Nutrient deficiency and its management in sugarcane” to the students of of ADAC & RI, Trichy	Sugarcane Research Station	Students	120
26.	30.11.2022	30.11.2022	Exposure visit class on “New sugarcane varieties and varietal identification and “Sugarcane Physiology and Abiotic stress” to RAWE students from Pandit Jawaharlal College of Agriculture and Research Institute, Karaikal	Sugarcane Research Station	Students	55
27.	20.12.2022	20.12.2022	Exposure visit class on “New sugarcane varieties and varietal identification and “Sugarcane Physiology and Abiotic stress” to IV B. Sc (Ag) students from School of Agricultural Sciences – Karunya, Coimbatore	Sugarcane Research Station	Students	50
28.	30.01.2023	30.01.2023	Exposure visit class on sugarcane production	Sugarcane Research Station	TNIAMP project	45

			technology		phase II farmers of RRS, Vridhachalam	
29.	31.01.2023	31.01.2023	Exposure visit class on “Micro irrigation”	ADA, Nannilam	ATMA farmers	
30.	31.01.2023	31.01.2023	Exposure visit class on Sugarcane production technology to students from JSA College of Agriculture and technology Ma.Podaiyur, Avatti	Sugarcane Research Station, Cuddalore	Students	111
31.	01.02.2023	01.02.2023	Exposure visit class on Sugarcane production technology to RAWE students from JSA College of Agriculture and technology Ma.Podaiyur, Avatti	Sugarcane Research Station, Cuddalore	Students	38
32.	15.02.2023	15.02.2023	Training on “Organic farming in sugarcane”	ADA, Cuddalore block	ATMA farmers	60
33.	17.02.2023	17.02.2023	Training on “Micro irrigation”	ADA, Polur Block Tiruvannamalai	ATMA Farmers	40
34.	21.02.2023	21.02.2023	Training on Sugarcane production technology	ADA, Jayankondam, Ariyalur	ATMA Farmers	40
35.	23.02.2023	23.02.2023	Training on Sugarcane production technology	TNIAMP	TNIAMP project phase IV farmers of AC & RI, Thanjavur	25
36.	14.03.2023	14.03.2023	Training on “Micro irrigation and fertigation”	ADA, Cheyyar	ATMA farmers	60

Table 2. Important visitors during 2022-23

S. No.	Date	Name and Designation of the Visitor	Country	Department /College Visited	Purpose
1.	13.06.2022	Dr. V. Geethalakshmi Vice-Chancellor, TNAU, Coimbatore	India	SRS, Cuddalore	General inspection
2.	06.07.2023	Dr. K. Subramaniyan, Director, TRRI,	India	SRS, Cuddalore	Technical review

		Aduthurai			
3.	17.08.2022	Dr. M.K. Kalarani, Director, Crop Management, TNAU, Coimbatore	India	SRS, Cuddalore	Technical review
4.	12.08.2022	Dr. K. S. Subramanian, P&H, NS&T Dr. J. S. Kennedy, Nodal Officer, AISHE Dr. S. Sundareswaran, Professor (SST), DABD	India	SRS, Cuddalore	Discussion with staffs of SRS regarding income generation
5.	09.09.2022	Dr. P. Balasubramaniam Director Directorate of Natural Resource Management Tamil Nadu Agricultural University Coimbatore - 641 003.	India	SRS, Cuddalore	Technical review
6.	04.01.2023	Dr. V. Geethalakshmi Vice-Chancellor, TNAU, Coimbatore	India	SRS, Cuddalore	To attend inauguration function of SRS, Cuddalore “New entrance gate” opening
7.	20.03.2023	Dr.P.Sivakumar, Professor and Head, Department of Millets, TNAU, Coimbatore	India	SRS, Cuddalore	MLT on sweet sorghum monitoring

Table 3. Meetings attended and third party inspection organized by Extension departments

S. No.	Title of the meeting	Date	Place	Name of the scientist attended	Organized by
1.	District level Technical Committee Meeting for the approval of replacement of damaged accessories of AAS for soil testing lab and	21.03.2022	JDA Office, Cuddalore	Dr. T. Thirumurugan Asst. Professor (PBG)	JDA, Cuddalore

	bio fertilizer production unit of Department of Agriculture				
2.	Issues to be handled in the financial year 2022-2023	28.03.2022	online meeting	Dr. T. Thirumurugan	Comptroller Office, TNAU, Coimbatore
3.	VCS Review meeting	11.04.2022	online meeting	Dr. T. Thirumurugan Dr. S. Thangeswari Tmt. G. Porkodi Tmt. R. Anitha	DABD, TNAU, Coimbatore
4.	QRT meeting of AICRP on Sugarcane for the period 2016-2020	27.04.2022 & 28.04.2022	SBI, coimbatore	Dr. C. Babu Dr. T. Thirumurugan Dr. S. Thangeswari	ICAR-SBI, Coimbatore
5.	30 th Crop Scientist Meet on Sugarcane - Review meeting by Technical Director – DCM, TNAU, Coimbatore	04.05.2022	TNAU, Coimbatore	Tmt. R. Anitha	TNAU, Coimbatore
6.	30 th Crop Scientist Meet on Sugarcane - Review meeting by Technical Director – CPBG, TNAU, Coimbatore held in hybrid mode	05.05.2022	hybrid mode	Dr. T. Thirumurugan	TNAU, Coimbatore
7.	30 th Crop Scientist Meet on Sugarcane - Review meeting by Technical Director – NRM, TNAU, Coimbatore held in hybrid mode	05.05.2022	hybrid mode	Tmt. G. Porkodi	TNAU, Coimbatore
8.	52 nd Sugarcane Research & Development Workshop of Tamil Nadu & Puducherry	12.05.2022 & 13.05.2022	Chennai	Dr. C. Babu Dr. T. Thirumurugan Dr. S. Thangeswari	

9.	30 th CSM on Sugarcane at TNAU, Coimbatore	23.05.2022	TNAU, Coimbatore	Dr. T. Thirumurugan Dr. S. Thangeswari Tmt. G. Porkodi Tmt. R. Anitha	TNAU, Coimbatore
10.	DCPBG-BSP-Production program 2022-23- Finalization meeting (online)	25.05.2023	Online	Dr. T. Thirumurugan	TNAU, Coimbatore
11.	Review meeting conducted by Honourable Minister of Agriculture, Tamil Nadu	01.09.2022	Vadalur	Dr. M. P. Sugumaran Dr. T. Thirumurugan Dr. S. Thangeswari	Department of Agriculture, Cuddalore district
12.	10 th Non crop Specific projects meet through virtual mode	06.09.2022	virtual mode	Dr. M. P. Sugumaran Tmt. G. Porkodi	TNAU, Coimbatore
13.	5 th Scientist meet on Production oriented projects through virtual mode	13.09.2022	virtual mode	Dr. T. Thirumurugan	TNAU, Coimbatore
14.	Online meeting on researchable issues in the area of Environmental Sciences	15.09.2022	Online	Dr. M. P. Sugumaran	TNAU, Coimbatore
15.	Researchable issues in the area of Soil Sciences & Agricultural Chemistry	19.09.2022	Online meeting	Tmt. G. Porkodi	TNAU, Coimbatore
16.	Farmers Grievance day meeting at the District Collector office, Cuddalore	22.09.2022	District Collector office, Cuddalore	Dr. S. Thangeswari	District Collector office
17.	Review meeting by Hon'ble Minister of Revenue and disaster management, Govt. of Tamil	11.10.2022	Collectorate Office, Cuddalore	Dr. M. P. Sugumaran Dr. T. Thirumurugan	Collectorate Office, Cuddalore

	Nadu at				
18.	Grievance day meeting at Collectorate Office, Cuddalore	28.10.2022	Collectorate Office, Cuddalore	Tmt. G. Porkodi	Collectorate Office, Cuddalore
19.	Breeders Meet conducted by Director, ICAR-SBI, Coimbatore with Sugarcane Breeders from various AICRP centres of Sugarcane.	04.11.2022	Online	Dr. T. Thirumurugan	Director, ICAR-SBI, Coimbatore
20.	Cuddalore District Technical Committee meeting organized by Cuddalore District Central Cooperative Bank Ltd., Cuddalore to revise the crop loan and repayment tenure	15.11.2022	Cuddalore	Dr. T. Thirumurugan	Cuddalore District Central Cooperative Bank Ltd., Cuddalore
21.	86 th Scientific Workers Conference	25.11.2022	AC&RI, Killikulam	Dr. D. Sassikumar	TNAU, Coimbatore
22.	TNAU – FPO Linkage Initiative - Interaction Meeting	07.12.2022	TNAU, COimbatore	Tmt. G. Porkodi	TNAU, COimbatore
23.	MLT and ART review meeting	16.12.2022	TRRI, Aduthurai	Dr. D. Sassikumar Dr. M. Jayachandran Dr. M. P. Sugumaran Dr. T. Thirumurugan Tmt. G. Porkodi	The Director, TRRI, Aduthurai
24.	Presented new URP in RPAC through online mode	21.12.2022	online mode	Dr. D. Sassikumar	The Director, CPBG, TNAU, Coimbatore
25.	Writemanship Workshop	21.12.2022 to 23.12.2022	TNAU, Coimbatore	Dr. T. Thirumurugan	Directorate of Research, TNAU,

					Coimbatore
26.	Mid-term review on Research projects of Crop	21.12.2022	online	Dr. M. Jayachandran Tmt. R. Anitha	the Director, DCM, TNAU, Coimbatore
27.	Vice-Chancellor meeting with scientists of SRS, Cuddalore in the event of Arch opening of SRS, Cuddalore	04.01.2023	SRS, Cuddalore	Dr. D. Sassikumar Dr. M. Jayachandran Dr. M. P. Sugumaran Dr. T. Thirumurugan Dr. S. Thangeswari Tmt. G. Porkodi Tmt. R. Anitha	SRS, Cuddalore
28.	Scientific Advisory Combeite meeting	05.01.2023	KVK, Tindivanam	Dr. D. Sassikumar	KVK, Tindivanam
29.	Scientific Advisory Combeite meeting	06.01.2023	KVK, Virudhachalam	Dr. M. Jayachandran	KVK, Virudhachalam
30.	Preparation of Pest and Disease calendar for agricultural crops	10.01.2023	online	Dr. S. Thangeswari	
31.	The Vice Chancellor's review of the DCM on Research projects and external funded projects of Crop Physiology	25.01.2023	online	Dr. M. Jayachandran Tmt. R. Anitha	The Director, DCM, TNAU, Coimbatore
32.	Zonal Breeders and Plant Protection Scientists Meet-2023 of AICRP on Sugarcane	21.12.2022	online	Dr. T. Thirumurugan Dr. S. Thangeswari	IISR, Lucknow
33.	Pre-review meet for sugarcane on action taken for CSM recommendations	21.12.2022 to 23.12.2022	online	Dr. D. Sassikumar Dr. T. Thirumurugan	Director, CPBG, TNAU, Coimbatore
34.	SISMA Trial discussion meeting held at ICAR-SBI,	08.03.2023	ICAR-SBI, Coimbatore	Dr. T. Thirumurugan	ICAR-SBI, Coimbatore

	Coimbatore			
--	------------	--	--	--

Table 4. Inputs produced and Laboratory services provided by the center during 2022-23

S. No.	Name of the Input	Qty	Value (Rs.)
1.	Seed cane	204 tonnes	612000
2.	SSI seedlings	86000	172000
3	Blackgram – VBN 11 Breeder seed	544 kg	65280
4	Sunnhemp – TFL seeds	1364 kg	95480
5	Soil and Water sample analysis	136	33250
6	Vermicompost	3 tonnes	45000

Table 5. Foreign visits by TNAU Scientist during 2022-2023: Nil

S. No.	Date	Name of the scientist	Designation and Affiliation	Place of visit	Purpose of visit
	-	-	-	-	-

Table 6. Award Conferred to the TNAU Scientist and Students during 2022-23

S. No.	Date of Award	Name of the Award	Name of the Scientist and Designation	Department/ Unit	Awarding organization	Cash Award/ Plaque/ Certificate*
1.	11.03.2023	Eminent Extension Service Award	Tmt. G. Porkodi,	Assistant Professor (SS&AC)	Thanthai Roever Institute of Agriculture and Rural Development, Perambalur	Certificate
2.	11.03.2023	Professional Excellence Award	Tmt. G. Porkodi,	Assistant Professor (SS&AC)	Thanthai Roever Institute of Agriculture and Rural Development, Perambalur	Certificate

Table 7. Farmers and Students visit to center during 2022-23

S. No.	Date	Name of the Institution/ Organization	Classes conducted/ Purpose of visit	Category of visitors (Farmers/ Students)	Numbers
1.	04.06.2022	ADA, Namakkal	Training cum visit	ATMA farmers	40
2.	07.07.2022	Vanavarayar Institute of Agriculture, Pollachi	Exposure visit	Students	60
3.	08.07.2022	Vanavarayar Institute of Agriculture,	Exposure visit	Students	60

		Pollachi			
4.	08.07.2022	Adhiyaman College of Agriculture and Research, Krishnagiri	Exposure visit	Students	107
5.	11.07.2022	Jaya Agricultural College, Vyasapuram, Thiruvallur	Exposure visit	Students	107
6.	19.07.2022	Agricultural Marketing	Discuaaion	FPO members	35
7.	20.07.2022	MRK Cooperative Sugar Mills, Sethiathope	Training cum visit	Cane officials	50
8.	26.07.2022	Cheyyar Sugar mill ltd, Cheyyar	Training cum visit	Farmers and cane officers	60
9.	27.07.2022	Chengalrayan Cooperative Sugar Mills, Periyasevallai	Training cum visit	Cane officials and farmers	50
10.	27.07.2022	JSA College of Agriculture Research Technology, Thittakudi	Exposure visit	Students	128
11.	04.08.2022	Kachirapalaym Co-operative Sugar Mill Ltd, Kallakurichi	Training cum visit	Cane officials and farmers	60
12.	18.08.2022	Perambalur Sugar Mill Ltd., K.Pudur and Pudhuvettakudi	Training cum visit	Farmers and Cane officials	70
13.	25.08.2022	Dhanalakshmi Srinivasan Private Sugar Mill Ltd., Pe. Kollathankuruchi	Training cum visit	Farmers and Cane officials	60
14.	06.09.2022	Vanavarayar Institute of Agriculture, Pollachi	Exposure visit	Students	107
15.	13.09.2022	Sagayathottam Institute of Agriculture and Rural Development, Takkolam, Ranipet	Exposure visit	Students	120
16.	19.09.2022	SRM College of Agriculture Science, Kanchipuram	Exposure visit	Students	120
17.	21.9.2022	TN- IAMP of Agricultural college and Research Institute, Vazhavachanur, Tiruvannamalai	Training cum visit	TN-IAMP farmers	50

18.	21.9.2022	Aravindhar Agricultural Institute of Technology, Kalasapakkam, Tiruvannamalai	Exposure visit	Students	120
19.	17.10.2022	Faculty of Agriculture, Annamalai University, Chidambaram	Exposure visit	Students	20
20.	18.10.2022	PGP College of Agricultural Science, Palani Nagar, Namakkal	Exposure visit	Students	120
21.	02.11.2022	ADA Thirumanur block, Ariyalur	Training cum visit	ATMA farmers	40
22.	04.11.2022	Government Higher Secondary School from Manjakuppam and Valavanur, Cuddalore	Exposure visit	Students	35
23.	04.11.2022	Government Higher Secondary School from Manjakuppam, Thookanampakam, and Valavanur, Cuddalore	Exposure visit	Students	35
24.	07.11.2022	Adhiparasakthi Agricultural College, Kalavai, Ranipet	Exposure visit	Students	120
25.	10.11.2022	ADAC & RI, Trichy	Exposure visit	Students	120
26.	30.11.2022	RAWE students from Pandit Jawaharlal College of Agriculture and Research Institute, Karaikal	Exposure visit	Students	15
27.	20.12.2022	School of Agricultural Sciences – Karunya, Coimbatore	Exposure visit	Students	50
28.	30.1.2023	TNIAMP project phase II farmers of RRS, Vridhachalam	Training cum visit	TN-IAMP farmers	45
29.	31.1.2023	ADA, Nannilam	Training cum visit	ATMA farmers	
30.	31.1.2023	JSA College of Agriculture and technology Ma.Podaiyur, Avatti	Exposure visit	Students	111
31.	1.2.2023	RAWE students from JSA College of	Exposure visit	Students	38

		Agriculture and technology Ma.Podaiyur, Avatti			
32.	15.2.2023	ADA, Cuddalore block	Training cum visit	ATMA farmers	60
33.	17.2.2023	ADA, Polur Block Tiruvannamalai	Training cum visit	ATMA Farmers	40
34.	21.02.2023	ADA, Jayankondam, Ariyalur	Training cum visit	ATMA Farmers	40
35.	23.02.2023	TNIAMP project phase IV farmers of AC & RI, Thanjavur	Training cum visit	TNIAMP farmers	25
36.	14.03.2023	ADA, Cheyyar	Training cum visit	ATMA farmers	60

Table. 8. Frontline Extension programs/activities carried out during 2022-23

S. No.	Activity	Details
	ALL INDIA RADIO Talk	
1.	fUk;g[eltpw]fhd g]l';fSk; me]j g]l';fSf]F Vw;w ,uf';fSk;" by Dr. T. Thirumurugan	Broadcast on 23.05.2022 at 7.25 PM
2.	etPd fUk;g[rhFgo bjhHpy;El;g';fs;" by Dr. G. Porkodi	Broadcast on 13.06.2022 at 7.25 PM
3.	"fUk;g[rhFgoapy; Vw]gLk; rhj]J FiwghLfs; kl]Lk; jPu]t[fs;" by Tmt. R. Anitha	Broadcast on 30.05.2022 at 7.25 PM
4.	"jw]nghija j]g bt]g kw;Wk; cupay; fuz';fshy; fUk;gpy; Vw;]gLk; nrjhu mwpFwpfs; kl]Lk; fl]Lg;gLj;Jk; tHpKiwfs;" by Dr. S. Thangeswari	Broadcast on 14.06.2022 at 7.25 PM
5.	gUtj;jpw;nfw;w bey; ,uf';fs; kw;Wk; bey; jhpR gaW tif ,uf';fs; gw;wpa gh;it by Dr. D. Sassikumar	
6.	etPd fUk;g[rhFgo bjhHpy;El;g';fs; by Dr. M. Jayachanderan	
7.	"gz;izf; fHpt[ffis cukhf;Fk; cj;jpfs;" by Dr. M. P. Sugumaran	Broadcast on 18.07.2020 & 19.07.2020 at 7.25 PM
8.	"fUk;gpy; gl;l';fSf;nfw;w cah;tpisr;ry; ,uf';fs;" by Dr. T. Thirumurugan	Broadcast on 25.10.2022 at 7.25 PM
9.	"fha;fwg gaph;fspy; xU';fpize;j g{r;rp kw;Wk; neha; nkyhz;ik " by Dr. S. Thangeswari	Broadcast on 19.12.2020 at 7.25 PM
10.	"m';;ff ntshz;ik – kz;ts ghJfhg;g[kw;Wk; gaph;r;rj;J nkyhz;ik" by Dr. G. Porkodi	Broadcast on 29.09.2022 at 7.25 PM
11.	"fUk;gpw;F xU';fpize;j Cl;lr;rj;J nkyhz;ik kw;Wk; gw;whf;Fiw mwpFwpfs;" by Tmt. R. Anitha	

Table 9. Trainings/Conference attended by Scientist during 2022-23

S. No.	Name of the Training/Conference	Name of the Scientist	Date of the Event (From.. To..)	Organizers	Host Institution & Place
Conferences/Seminars/Training					
1.	Hands on Training for Marker assisted breeding	Dr. T. Thirumurugan	20.06.2022 to 24.06.2022	Centre of Excellence in Molecular Breeding, CPBG, TNAU, Coimbatore	TNAU, Coimbatore
2.	Hands on training “Data Analysis using SPSS” at	Tmt.R.Anitha	22.08.2022 to 26.08.2022	Department of Crop Physiology, TNAU, Coimbatore.	TNAU, Coimbatore
3.	Introductory seminar on One FPR One Unit	Tmt. G. Porkodi	02.09.2022	Directorate of CARDS, TNAU. Coimbatore	TNAU, Coimbatore
4.	NABL awareness program under soil testing labs under soil health card scheme envisioning a slogan “Swasth Dharaa, Khet Haraa – Healthy earth, green farm”	Tmt. G. Porkodi	16.09.2022	Dept. of SS&AC, TNAU, Coimbatore	TNAU, Coimbatore
5.	Hands on Training on High throughput sampling using optical properties (Understanding and application)	Dr.S.Thangeswari	17.02.2023	ICAR-SBI Coimbatore	ICAR-SBI Coimbatore
6.	IQAC refresher training on Advances in digital technology for effective training at TNAU, Coimbatore	Tmt. G. Porkodi	27.03.2023 to 28.03.2023	DPM, TNAU, Coimbatore	TNAU, Coimbatore

Table 10. Staff Publications during 2020-2021

S. No.	Category	Publication Details (in English)	Publication Details (in Tamil)	NAAS Score	Scopus/Web of Science Listing
A.	Books with ISBN only (Indicate ISBN Number)				
1.	-	C.Tamilselvi, R.Anitha, P.Bominathan, R.Sritharan, A.Velayutham. 2022. Development of sugarcane seedling through in vitro production technology.. Frontiers on recent development in plant science and plant biotechnology. 78. Vol.1. ISBN: 978-93-94766-11-2	-	-	-
B.	Books without ISBN only				
1.	-	-	-	-	-
C.	Chapters in Books with ISBN only (Indicate ISBN Number)				
1.	-	Tamilselvi.C, R. Anitha and Boominathan. P. 2022. Light and UV Radiation stress in plants. Recent Perspectives. 83. ISBN: 978-93-5651-129-3.	-	-	-
2.	-	Kumar.M, K.Vanitha and R.Anitha. 2022. Silicon Application and Drought Tolerance Mechanism in Plants. Advance in Agriculture: Recent	-	-	-

		Perspectives. 93. ISBN: 978-93-5651-129-3.			
3.		R.Anitha, K.Vanitha, C.Tamilselvi and M.Kumar. 2022. Understanding physiological traits to improve temperature stress tolerance of plants. Frontiers on recent development in plant science and plant biotechnology. Vol.1 ISBN: 978-93-94766-11-2			
4.		R.Anitha, K.Vanitha. 2022. Development of sugarcane seedling through in vitro production technology. Frontiers on recent development in plant science and plant biotechnology. 78. Vol.1 ISBN: 978-93-94766-11-2			
D.	Articles in journals				
1.	Research article	G Porkodi, G Anand and S Panneerselvam. 2022. Green manure coupled with SRI method for sustainable yield and soil health. The Pharma Innovation Journal 11(4): 85-90		5.23	-

2.		<p>T. Thirumurugan, M. Shanmuganathan, S. Malathi and C. Babu. 2022. Evaluation of promising sugarcane clones for East Coast Zone of Tamil Nadu under AICRP Sugarcane programme. Compendium of Research articles and Status Papers. 52nd Sugarcane Research & Development Workshop of Tamil Nadu & Puducherry (Pp 220-225) (ISSN: 0973- 8185)</p>		
3.		<p>S. Malathi, V. Ravichandran, T. Thirumurugan and C. Babu.. 2022. Screening of sugarcane AICRP clones for resistance to red rot and smut diseases. Compendium of Research articles and Status Papers. 52nd Sugarcane Research & Development Workshop of Tamil Nadu & Puducherry (Pp 227-228) (ISSN: 0973-8185)</p>		

4.		Porkodi, G, R. Shanmugasundaram, P. Saravanapandian, C. Swaminathan and K. Kumutha. 2022. The Pharma Innovation Journal 2022; 11(7): 2798-2801	-	5.23	
5.		R.Rajappa, R.Anitha, R.Nageswari, V.Dhanushkodi, K.B.Sujatha, C.Tamilselvi, S.Anandha Krishnaveni, B.Senthamizh Selvi, 2022. Influence of rooting media and plant growth regulators in enhancing the seedling vigour of sugarcane under SSI. Agricultural Mechanization in Asia, Africa and Latin America		6.14	
6.		V.Dhanushkodi, S.Anandha Krishnaveni, R.Nageswari, K.Senthil, K.R.Ramesh, S.Sangeetha and R.Anitha. 2022. Agriculture Association of Textile Chemical and Critical Reviews Journal		6.11	
E.	Abstracts in seminars				

1.	Research abstracts		-	-	-
			-	-	-
F.Popular articles in Weeklies and Monthlies					
1.	Popular articles		br. j';nf!;thp/ jp.jpUKUfd;/ ,uh. mdpjh/ F. bghw;bfho/ j. rrpFkhh]/ kh b\$ar;re;jpud;/ nk.g. RFkhud;. 2022. jl;gbl;g kw;Wk; caphpfs; fhuzpashy; fUk;gpy; gut[k; bghf;nfh nghap'; neha; mwpFwpfs; kw;Wk; nkyhz;ik. jhuh g[~k;!; ntshz; khj ,jH; - \$Piy -16-17.	-	-
