



From the Director's Desk



Farm mechanization plays a crucial role in increasing agricultural productivity. Mechanization has been well received in India as one of the important elements of modernization of agriculture for enhancing the agricultural productivity. To cater the need of trained manpower to boost the level of mechanization as well as for an early acceptance of technological developments by stake holders there is a need update the training courses for management and user levels. Upcoming technological developments & its adaptation by stakeholder one need to focus on technologies such as drones, AI, Robotics, IoT and battery operated equipment's for their accelerated use for precision agriculture. Subsequently, sensitization of aspirants to encompass a range of skills for operating precision agricultural machinery's also an need of the hour. Operation, repair and maintenance courses with increasing farm-based equipment in rural areas by imparting skills to rural youth for employment generation is also need to be focused with safety regulations for ensuring safe use of precision machinery during operations. Being nodal office to Southern India, efforts are being made by Institute on sensitization of new testing guidelines, guidance to the testing centre, future upgradation possibilities of testing centers through training of testing officers of FMTCs. Liasoning with the power tiller, and other allied industries for collaborative efforts for overall development of training and testing activities are also being attempted. These efforts are increasing the participation of industry, state and central government institutions, FPOs, NGOs, other stakeholders to get themselves upgraded with required skills.

I am happy to share this Newsletter with a ll stakeholders which majorly focuses on the efforts made by various sections of the Institute for overall upgradation of various activities such as training, testing and farm. Upgradation of display of the recent technological developments from industry as well as R&D Institutes to sensitize the graduate agricultural engineers, allied agricultural graduates, management trainees, farmers, FPOs and other stakeholders is being attempted. Efforts are also focused on creation of state-of-art facility for drone training, battery operated and other allied machinery testing which are being manufactured in Southern India. Interaction with machinery manufacturers for testing of implements at Institute, etc has been accelerated. Institute has signed two MoUs 1. Mahindra and Mahindra Pvt. Ltd. and 2. CNH Industrial (India) Pvt. Ltd. for creation of training facility at Institute. Institute has Imparted need based, academic training to graduate engineers with enrollment of 464 trainees in a month (under various course in-campus) at a time from various part of India. Total number of training trained in Qrt-III is 1923. Due to mass number of students/industry participants enrolled in various courses Institute has genertaed 1 revenue ₹7,69,500/- through training. Total 31 test reports have been released which quarter covering 06 different category of machinery. Total reports released till quarter of this financial year is 90 against the target of 90 & achieved 100% of target in this FY 2023-24. The highest revenue collected in the month of November 2023 by testing is **40,46,768/-** Total revenue collected by

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testing section in Qrt. III is Rs. 77,09,177/- & CFY 2023-24 till date is Rs. 1,47,54,769/- . Moreover, a training on “Farm Machinery Testing Protocols for officials of FMTCs of Southern Region” was conducted and Certificates were distributed by Hon’ble S Rukmani, Joint secretary, MoAFW. Utilizing of farm land for tillage, intercultural, harvesting and threshing equipments along with engine operated equipment. about 100 acre of land has been made ready for testing and training purpose in this Qrt III. Farm section has generated the revenue of 4.91 Lakh in Qrt. IIIrd. Visit of various visit of VIPs, farmers groups, Industry personnel and visits to industries by the Director is creating a good bond between Industry, SAU and FPOs. Total revenue generated by the Institute till date in CFY 2023-24 is Rs. 1,71,26,309/-

Training Section

The main objective of the training section is to impart practical training to the Farmers/Technicians/Engineering Students/Nominees from State Government & NGOs in the field of selection, operation, maintenance, repair and management of farm machinery & power to ascertain competence, capacity and performance. Training imparted for upgradation of knowledge and skills among trainees to make them industry/farmer ready . The effective training helps to apply this knowledge to their workplace, to transfer of learning among their groups/industry.

TRAINING AT A GLANCE

- Total 30 type of courses are offered by the training section.
- Training section has conducted (05 types) Academic level, Need Based, Trade apprentice, U-5 course for women farmers & Management Level courses with 31 batches in this Quarter III
- Training section has generated total revenue of Rs. **7,69,500/-** . In this IIIrd quarter. It is 1.88% more revenue was generated compare to IInd quarter & it is a higher revenue generated in any quarter FY 2023-24.
- Total number of trainees trained is 1923 through various courses conducted during October to December 2023 covering **13 States** of India.
- Total trainees trained till date in this F.Y. 2023-24 is **3148** during the year against the annual target of 5200 .
- The state wise participation of trainees during October to December 2023 is given below:

SL. No.	STATE	OCTOBER	NOVEMBER	DECEMBER	TOTAL
1	Andhra Pradesh	1017	193	159	1369
2	Assam	0	0	1	1
3	Chhattisgarh	32	0	0	32
4	Kerala	2	1	2	5
5	Karnataka	0	187	268	455
6	Madhya Pradesh	0	1	3	4
7	Maharashtra	10	0	1	11
8	Odisha	0	3	6	9
9	Rajasthan	0	1	1	2
10	Tamil Nadu	10	0	1	11
11	Telangana	0	1	19	20
12	Uttar Pradesh	0	0	1	1
13	West Bengal	0	1	2	3
Sub-Total		1071	388	464	1923



Training Section

Feedback on Training

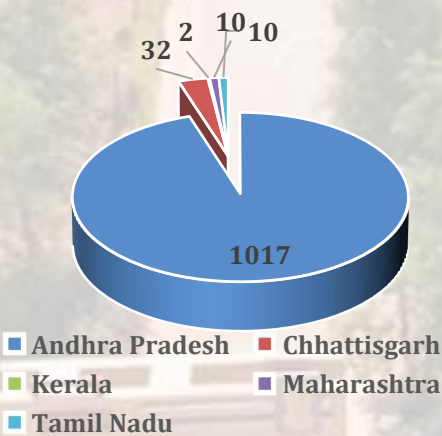
To ascertain the level of knowledge & skills imparted by training staff to the participants and improve the training facility and courses content , training feedback is being taken by the training section of the Institute at the end of every course. It creates an effective learning & development strategy & with adequate training programs. The data on feed back was collected and analyses and found that 59%, 30%, 9% & 2% of the trainees rated it as Excellent, Very good, Good & Average respectively. It will ascertain whether specific training programs achieved with set objectives or not and whether the learning resources met the expectations & need of trainees for their skill development.



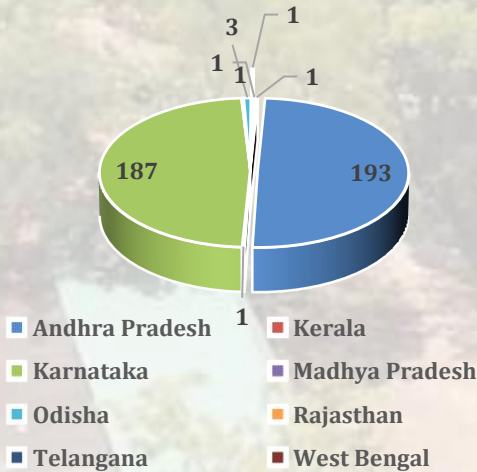
Target & Achievement

In the month of October 2023, training imparted to 1071 trainees in the A-1/NB/ Management level & U-5 courses for women farmers. The participation was more from Andhra Pradesh followed by Chattisgarh, Kerala, Maharashtra and Tamil Nadu. Moreover, in November 2023 the training imparted with quantity of 388 trainees in the A-1 series/NB/ Management level courses. The participation of the trainees was from Andhra Pradesh, Kerala, Madhya Pradesh, Odisha, Rajasthan, Telangana, West Bengal and Karnataka. In last month of the quarter December 2023, training imparted to 464 trainees in the A-1 series/NB series/ management level courses. Moreover, the participating States were 13 namely Andhra Pradesh, Assam, Maharashtra, Kerala, Rajasthan, Karnataka, Tamil Nadu, Chattisgarh Madhya Pradesh, Uttar Pradesh, West Bengal, Odisha & Telangana. In this quarter the training section of the Institute has trained total number of 1923 trainees from 13 different States of the country.

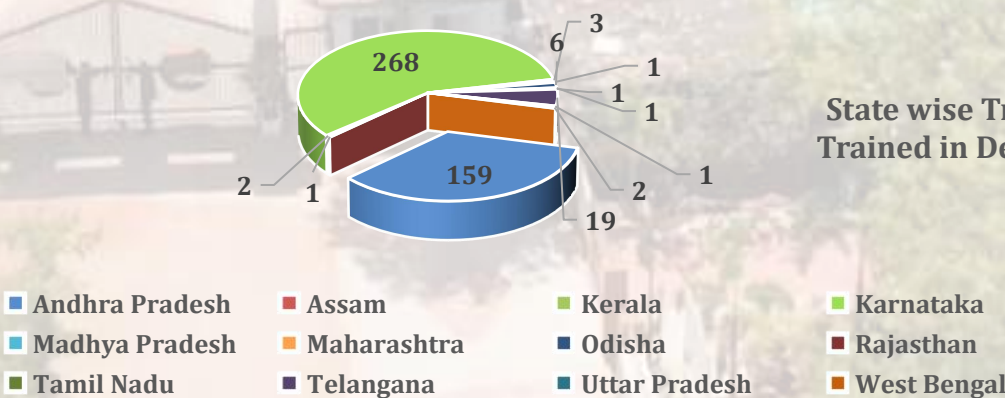
State wise Trainees Trained in October



State wise Trainees Trained in November



State wise Trainees Trained in December



Training Section

Course Conducted

Organized various courses such as Need Based, Academic level / Management level, Trade Apprentice & U-5 course for various stream of participants in Qrt. III of CFY & total 1923 number of students were trained in 31 batches during October 2023 to December 2023. Course wise distribution of the training conducted is given in Figure below:

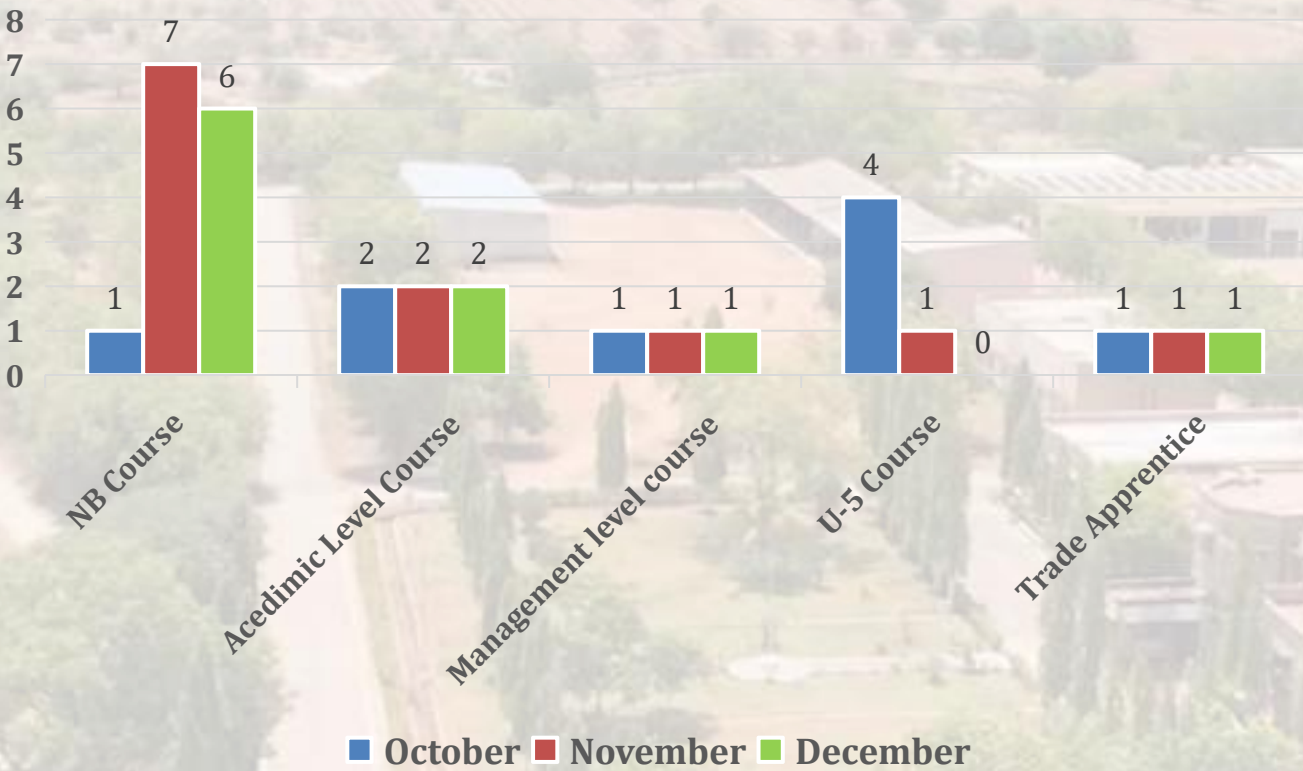
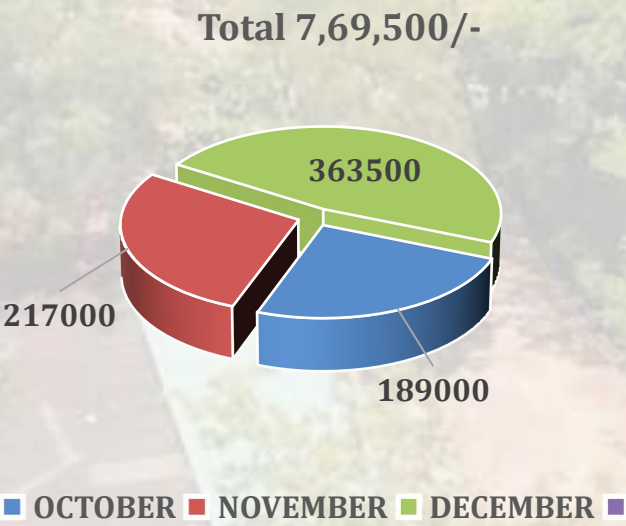


Fig. Course wise distribution of the training conducted in Qrt. III

Revenue generation

After opening the doors for students from various private university and diploma holders under the able guidance and leadership of competent authorities, training section is reaching new heights in each Qrt. in terms of trainees trained and as well as generation of revenue. Total ₹ 7,69,500/- revenue has been generated by training section from October 2023 to December 2023. In this quarter about 1.88% more revenue was generated compare to 2nd quarter & total revenue generated till the end of 3rd quarter is ₹ 18,68,750/-. Continuous efforts are being made by section to develop new line of courses considering the requirements of industry as well as other stake holders



Success Story

In an unexpected achievement, training section of SRFMTTI achieved a sum of 464 trainees at a time in a month (in-campus course). All 464 trainees successfully completed various training courses & training section marked a history. Due to mass number of students enrolled in various courses at the same time unprecedented source of revenue generated by the training section. Total ₹ 7,69,500/- revenue was generated by training section from October 2023 to December 2023. The revenue collected in this quarter is 41.17% of the total revenue collected by training section in CFY 2023-24.

Training Section

Workshop on Women-Friendly Farm Equipment Under SUB-MISSION ON AGRICULTURAL MECHANIZATION(SMAM)

Workshop on women friendly farm equipments under SMAM was conducted in on dated 15.12.2023. It was successfully organized by SRFMTTI with joint effort with Andhra Pradesh Mahila Abhivruddhi Society (APMAS), College of Agriculture Engineering Madakasira (CAE, ANGRAU), and AF Ecology Centre. The primary objective of this workshop was to tackle the challenges faced by women farmers related to labor intensive work and provide viable solutions. Additionally, participants emphasized the need for affordable, small-scale processing units to enhance the value of their produce. Health concerns arising from pesticide spraying were also voiced. The event saw active participation from women farmers associated with Farmer Producer Organizations (FPOs) promoted by APMAS, AFEC, and REDS in the districts of Anantapur and Kurnool. Key stakeholders such as representatives from REDS NGO, ARS Anantapur, KVK Reddipally, CAE ANGRAU, AFEC, and other notable entities, including agricultural tech companies and farm machinery dealers, were also in attended. Panel deliberated on various implements designed to mitigate the challenges faced by women farmers. To further practical understanding, technical staff from SRFMTTI conducted afternoon demonstration sessions on a range of farm machinery technologies, spanning from sowing to harvesting. Approximately 150 women farmers actively engaged in the event, benefiting from the hands-on experience and knowledge shared during the demonstration sessions. The workshop emerged as a catalyst for raising awareness among women farmers, providing valuable insights into technologies that could enhance their agricultural practices. At the end of session Director, SRFMTTI congratulate to all stake holders & all beneficiary who is involved in this workshop & expressed its intent to establish Memorandums of Understanding (MoUs) with NGOs across South India to drive awareness on farm mechanization.

Total 52 nos. of demonstration under SMAM at different location in the village of Andhra Pradesh & in the village of Tamil Nadu covering total beneficiary of farmers 1212.



ట్రాక్టర్ నగర్ లో శిక్షణలో పాల్గొన్న మహిళలు

ఆధునిక వ్యవసాయ యంత్రాలపై శిక్షణ

గాడ్లదిన్నె, న్యూనటుడే: గాడ్లదిన్నె సమీపంలో కేంద్ర ప్రభుత్వం నెలకొల్పిన వ్యవసాయ యంత్రాల శిక్షణ పరిక్షణ సంస్థ ఆవరణలో శుక్రవారం మహిళలకు ఆధునిక వ్యవసాయ యంత్ర పరికరాలపై శిక్షణ ఇచ్చారు. ఏపీ మహిళాభివృద్ధి సొసైటీ సమన్వయంతో విత్తనాలు నాటే యంత్రాలు, వేరుసెనగ కాయలు ఒలిచే యంత్రాలపై దాదాపు 150 మంది మహిళా రైతులకు శిక్షణ ఇచ్చారు. కార్యక్రమంలో కేవీకే రెడ్డిపల్లి, ఎన్ టీ రంగా ప్రతినిధులు, ట్రాక్టర్ నగర్ సంస్థ ఛైర్మన్ బాలాజీ మురారి తదితరులు పాల్గొన్నారు.

Testing Section

Testing section of the Institute specially deals with testing of agricultural machinery, engines, etc. manufactured in the country with a view to assess their functional suitability and performance characteristics under different agro climatic conditions, so that the published test results would in-directly help the farmers to get quality products and other prospective purchasers in determining the comparative performance of machinery in Indian agro climatic condition. The main objective of the testing is to test agriculture implements such as Power Tiller, Rice Transplanter, Power weeder, Brush cutter, Threshers & many other tractor operated implements. Agricultural machinery manufactured with a view to evaluate their aptness and performance characteristics to decide best suited for Indian conditions and help the farmer and other stakeholders in determining the comparative performance of machines available in the market.

Testing at a Glance

1. Testing of the tillage such as mouldboard plough, rotavator, cultivator etc. and other operation machinery such as intercultural, harvesting testing has been resumed in this quarter and released rotavator testing report.
2. Total number of machines received in this quarter 34, machines taken-up for test and draft reports released is 45 and 37, respectively.
3. In this quarter, 31 test reports were released and total reports released **Ist and IInd & IIIrd** quarter of CFY is **90** against the target of 90. Achieved **100%** of target for this financial year 2023-24 in Qrt.-III itself.
4. The total revenue generated in the month of October, November & December is **Rs. 77,09,177/-** and 30 new application received in this quarter. Total revenue collection till date in C.F.Y is **Rs. 1,47,54,769 /-.**
5. Organised one Management level training program on “Farm Machinery Testing Protocols for FMTCs of Southern Region”. **Smt. S. Rukmani, Joint Secretary**, and Dr. VN Kale, Additional Commissioner (Machinery) Machinery Technology Division of Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India chaired valedictory session and distributed the certificates to officials of the various FMTCs participants.

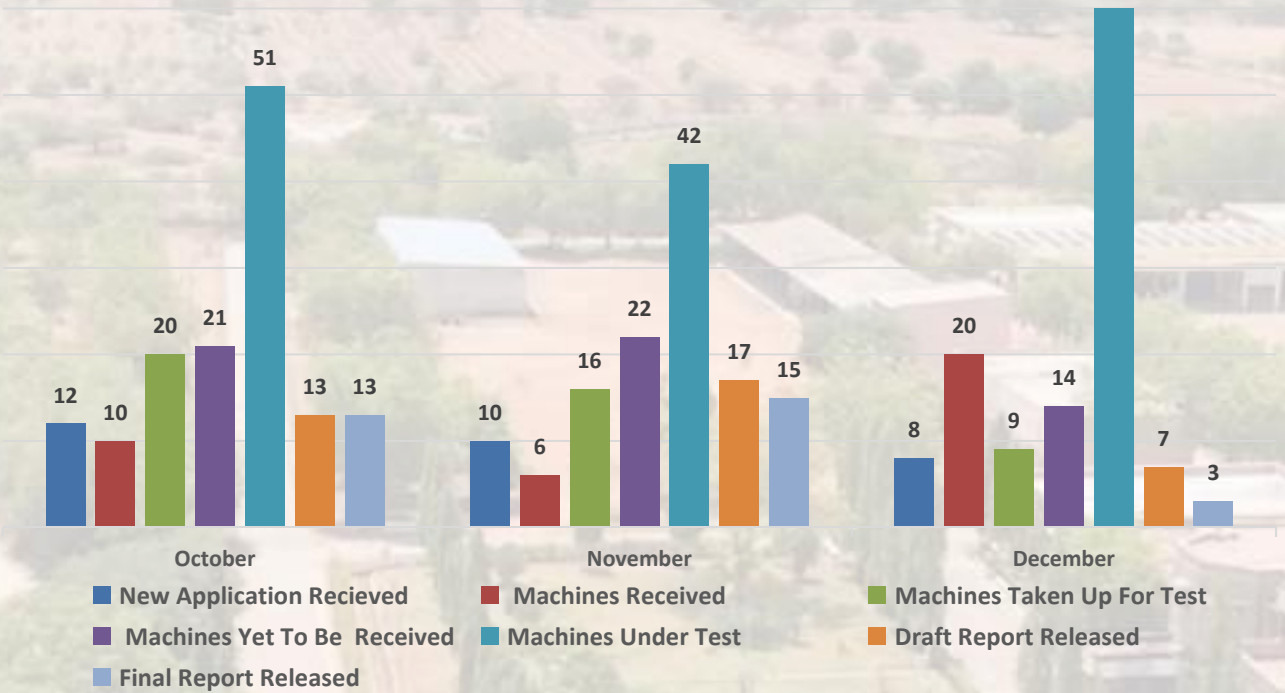
Status of testing machinery and category wise testing of machinery

Particulars		OCTOBER	NOVEMBER	DECEMBER	Total
New application received		12	10	08	30
Machines received		10	04	20	34
Machines taken up for test		20	16	09	45
Machines yet to be received		21	22	14	57
Machines under test		51	42	60	153
Draft report released		13	17	07	37
Final report released		13	15	03	31
Revenue generated		16,81,029	40,46,766	19,81,382	77,09,177
Category wise machine tested	Power tiller	00	00	00	00
	Seedbed preparation	00	01	00	01
	Inter cultivation	04	05	00	09
	Sowing & planting	03	00	00	03
	Harvesters & Threshers	02	03	01	06
	Tractor trailer	04	05	02	11
	Misc.(Blade)	00	01	00	01
Total					31

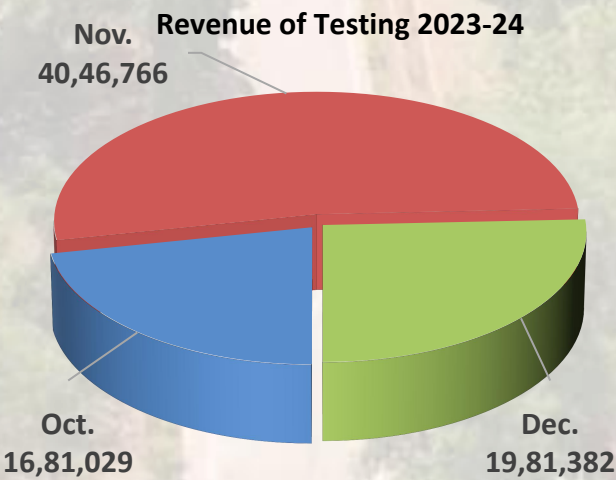
Testing Section

In this quarter, 30 new applications were received and 31 Final Test Reports have been released.

Progressive Details of Testing - Qrt. III

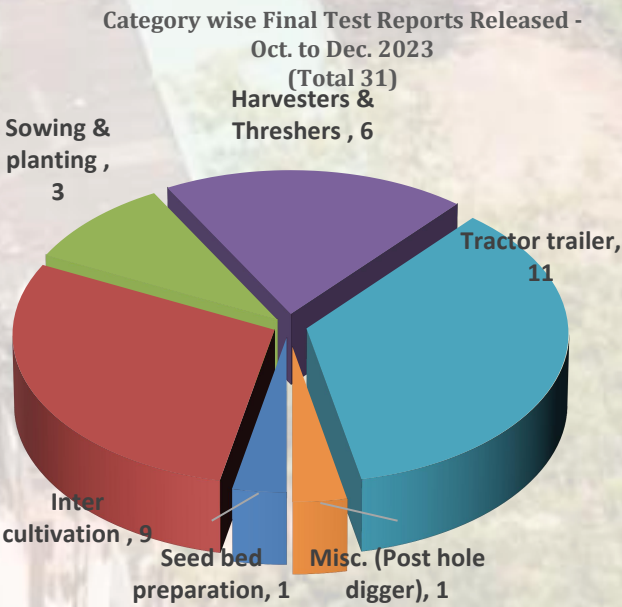


Target & Achievement



The total revenue generated in the month of October, November & December is **Rs. 77,09,177/-**. Total revenue collection in **Ist and IInd & IIIrd** quarter of this F.Y is **Rs. 1,47,54,769 /-**. However, various applications are being received and processed in this quarter so as to increase the revenue by engine operated as well as new initiation of the tillage and other non-engine operated machinery. Various requests have been processed are in the final stage to brought it under testing.

The machines are received from various states such as Maharashtra, Karnataka, Andhra Pradesh, Tamil Nadu, Kerala, Chattisgarh, West Bengal and Delhi etc. Total 31 test reports have been released in this quarter covering 06 different category of various agricultural machines. Total reports released Ist and IInd & IIIrd quarter of this financial year is 90 against the target of 90 & achieved 100% of target for this financial year 2023-24. Moreover, the new initiatives on testing of the tillage implements will certainly add to the revenue and increase the number of testing reports to be released in the given financial year 2023-24.



Type of Machinery tested in Qrt. III

Category	Photo of machine	Make and Model of Applicants
Chaff Cutter		M/s E Agro care Machineries And Equipments Pvt Ltd, EAC-003, Aurangabad, MH
POWER WEEDER		M/s Southern Agro Engine Private Limited, Kissan King KK-135DE, Chennai - 600123, Tamil Nadu
		M/S. Minarva Multitech Mars, AGRIDON-186, Tumakkuru, Karnataka, 572137
		M/s. Champ Energy Ventures Pvt. Ltd, Champ, PTG500, Pune - 412115. MH
		M/s Southern Agro Engine Private Limited, Kissan King KK100G, Chennai - 600123, Tamil Nadu
		M/S Varshaa Agro Mach Engg Pvt Ltd, RABBIT, Tamil Nadu
		M/S Varshaa Agro Mach Engg Pvt Ltd, SEAL, Tamil Nadu
		M/S Fede Industries Private Limited, FEDE MILYF7 GM (B), Murshidabad-Dist WB
		M/S R.K. Manufactures Walson, RK-PW-520DES, Rajkot-Gujarat
		M/S R.K. Manufactures Walson, RK-PW-105P, Rajkot-Gujarat
TRAILER		M/S. Harshal Engineering Works, Harshal HT05TONE, Nashik-423213, MH
		M/S. Trimurti Agro Industries, Trimurti TAI 5 TONE, Dhule-424006, MH
		M/S. Omkar Welding Works, OWW2W 5 TONE, Buldhana, Maharashtra
		M/S. Kunal Engineering Works, KEW 5 TNE, Nandurbar- MH
		M/S. Shri Gurukrupa Engineering Works & Trailors, SGEWT 5 T, Latur, MH
		M/S Sillod Engineering Works And Trailer, SEWT5TT, Jalna, Maharashtra
		M/S Akshay Trailer, AT3THT, Akola, Maharashtra
		M/S Shri Yaswant Krishi Udyog, YKY 3TNE, Akola, Maharashtra
		M/S Nawandar Agro Industry, SONA 3 TNE, Nashik, Maharashtra
		M/S Shivraj Trailer, STS-05, Aurangabad, State :-Maharashtra
		M/S Balwan Agro Industries, CHETHAK-5T, Washim, Maharashtra
REAPER		M/S Vst Tillers Tractors Ltd, VST SHAKTI 5PR, Kolar District -5613130, Karnataka
Rice transplanter		M/S Tractors And Farm Equipment Limited, AGRISTAR PC4E18T, Nungambakkam, Chennai
		M/S Tractors And Farm Equipment Limited, AGRISTAR PC6 SELF, Nungambakkam, Chennai-600 034
		M/S Tractors And Farm Equipment Limited, AGRISTAR PZ60-AHGRE 18, Nungambakkam, Chennai-600 034
Post Hole Digger		M/S Dibyanka Agro India Pvt. Ltd, DA IPL, Balesore, Odisha
Rotavator		M/s. Dharti Agro Engineering, DRT-7 MS (210), Rajkot, Gujarat
Multi Crop Thresher		M/S Shakthi Agro Industries, DAVANGERE 16X48, Davangere, Karnataka
Square Baler		M/S Tirth Agro Technology Private Limited, SBM-175, Rajkot, GJ
Brush Cutter		M/S Dibyanka Agro India Pvt. Ltd, DA IPL-DBS, Balesore, Odisha

Success Story-

Training on “Farm Machinery Testing Protocols for FMTC of Southern Region”

This Institute has organized one Management level training program on Farm Machinery Testing Protocols for FMTCs of Southern Region. The Management level Training program organized for the FMTCs of southern region during December 18-22, 2023. The program was inaugurated by Dr. BM Nandede, Director & in Valedictory session was chaired by Smt. S. Rukmani, Joint Secretary, and Dr. VN Kale, Additional Commissioner (Machinery) Machinery Technology Division of Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India.

Management level training program on “Farm Machinery Testing Protocols for FMTC of Southern Region” was organized at SRFMTTI Anantapur during December 18-22, 2023. Training was attended by 16 participants from 09 Farm Machinery Testing Centre (FMTC) out of 11 FMTCs in Southern India. 02 female and 14 offices were trained on recent farm machinery testing guidelines and future requirements of testing of agricultural Machinery. Training was aimed to enhance the capability of officers involved in farm machinery testing centers in Southern India and provide exposure on operational knowledge in testing activities of agricultural machine/implement/attachments so as newly inducted officers can work efficiently and carryout uniform testing activities throughout FMTCs. The program was formally inaugurated by Dr. BM Nandede, Director, SRFMTTI Anantapur. The importance of training and testing was highlighted by Director SRFMTTI and informed the participants about the current need of this training and futuristic requirements of Agricultural Mechanization of the country. Various theory and practical lecture were delivered by Director, Head of Division and Agricultural Engineers along with Technical staff of the Testing Section of the Institute such as need for testing & responsibility of testing centers, testing activities, file opening, maintain of testing record, testing procedures test data, preparation of test report, discussion on Indian standards, testing charges, information on online testing portal, information regarding power tiller and other agricultural machinery, MPS & Non MPS of different agricultural machinery.



The valedictory session of the training was graced under the Chairmanship of Smt. S Rukmani, Joint Secretary, and Dr. VN Kale, Additional Commissioner (Machinery), Machinery Technology Division of Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India. Joint Secretary in her address to the participants elaborated the expectations from Institute and there co-coordinating FMTCs to shape of the agricultural Mechanization of the country. The forthcoming challenges to develop a test codes for upcoming technology such as AI, Drone, Robots and other battery operated machinery. All the centers have to join hands to gather to improve upon the quality manufacturing with rigorous testing of Machinery at centers. She also urged the FMTCs to use online testing portal for their enrollment as earliest. Additional Commissioner in his concluding remarks sensitized the various activities of Government of India and SMAM. He reiterated to the participants for concentrating on testing of modern gadgets and sensors based equipment. He also deliberated on maintaining of the uniformity of testing reports effectively carry out and making uniform testing activities to FMTCs. Director presented the proceedings of the training before concluding remarks by Joint secretary and Additional commissioner. The training program was ended with feedback of training program with Officers/Staffs from FMTCs and training certificate distribution with auspicious hands of madam Joint secretary and Additional Commissioner .



Award

ISAE Team award

Dr. B.M Nandede, Director, SRFMTTI received "Indian Society of Agricultural Engineering (ISAE) Team Award 2023" convention at University of Agricultural Sciences, Raichur, Karnataka on dated 06.11.2023 on theme value chain of millets from Farm to Desk. Development of machinery for pre & post harvest Millet mechanization. Award was given to the Team of Scientists of ICAR-Central Institute of Agricultural Engineering under the team Leadership of Dr. D Mahapatra, Principal Scientist. This award was confired to the team of scientist for their outstanding contribution in development and commercialization of pre and post harvest mechanization technology. The contribution of the Dr. BM Nandede was development of complete package of machinery for production of various type of multi-millets and their commercialization through licensing more than 80 to 15 different manufactures in India covering 05 different States such as Maharashtra, Chhattisgarh, Madhya Pradesh and Gujarat. Competent authority in the Ministry Congratulated Dr. Nandede for his contribution and recognition by ISAE for this outstanding work.



Memorandum of Understanding (MoU)

Mahindra & Mahindra Pvt. Ltd.

Institute has signed a Memorandum of Understanding (MOU) with Mahindra & Mahindra Pvt. Ltd. for opening of training academy at SRFMTTI on Dated 14.12.2023 for strengthening of training facilities among both parties on. M/s M&M representative, Mr. T.K Bharadwaj, Head, Customer Care, Mr. Soumitra Choudhury, Head, Training & Mr. Prafulla Pandey, General Manager and Director SRFMTT along with Smt. P Kamalabai, SAE, Mr. D.C Mouli, AE & all staff members were present during the signing ceremony held at SRFMTTI, Tractor Nagar Garladinne. Director SRFMTTI congratulated team of Mahindra & Mahindra Pvt. Ltd. for joining hands together for betterment of farming community. Mr. T.K Bharadwaj, Head – Customer Care M&M thanked , Hon'ble Joint Secretary Mrs. S. Rukmani, M&T Division of Ministry of Agriculture and Farmers Welfare, Government of India for her constant encouragement for initialization of industry-institute inter-alia partnership for strengthening the training academy activities in Southern region. This MOU will benefit farmers and trainee engineer of southern India to get upgrade their knowledge & to meet the modern-day technological requirements for all the beneficiaries in the field of agricultural mechanization. This is the First MoU signed by M&M in Southern Region for creation training academy through public private partnership



ఆధునిక వ్యవసాయ పరికరాలపై అవగాహన

గార్లదినె, న్యూస్ టుడే: కృషి యంత్రముల పరిక్షణ సంస్థలో శైతల తోపాటు శిక్షణ పొందు తున్న విద్యార్థులకు ఆధునిక వ్యవసాయ పరికరాలపై అవగాహన కల్పించడమే ద్యేయమని సంస్థ డైరెక్టర్ బాలాజీ మురారి తెలిపారు.



మాట్లాడుతున్న సంస్థ డైరెక్టర్ బాలాజీ మురారి

వారం గార్లదినెలో సమావేశం నిర్వహించారు. ఈ సందర్భంగా డైరెక్టర్ మాట్లాడారు. కార్యక్రమంలో సంస్థ ప్రతినిధులు భరద్వాజ్, సౌమి త్రవడరి, శిక్షణ అధికారి ప్రవల్లా పాండే, జనరల్ మేనేజరు తదితరులు పాల్గొన్నారు.

'క్యాక్టర్ నగర్'లో 'మహింద్ర' ఒప్పందం



ఒప్పంద పత్రాలను మార్పిడిచేస్తున్న క్యాక్టర్ నగర్ డైరెక్టర్ బాలాజీ మురారి గార్లదినె: మండల పరిధిలోని దక్షిణ వ్యవసాయ క్షేత్ర వ్యవసాయ యంత్రముల శిక్షణ, పరిక్షణ సంస్థ క్షేత్రా విభాగం అధినేతలతో భాగస్వామిగా మహింద్ర లిమిటెడ్ కంపెనీతో అవగాహన ఒప్పందం కుదిరింది. వ్యవసాయ యంత్ర పరికరాలు, ఆధునిక యంత్ర పరికరాలపై విద్యార్థులకు, శిక్షకులకు శిక్షణ పొందేందుకు ఈ ఒప్పందం రోపించబడుతుందని క్యాక్టర్ నగర్ సంస్థ డైరెక్టర్ బాలాజీ మురారి తెలిపారు. గురువారం క్యాక్టర్ నగర్లో ఏర్పాటు చేసిన కార్యక్రమంలో మహింద్ర కంపెనీ ప్రతినిధులు భరద్వాజ్, సౌమి త్రవడరి, ప్రవల్లా పాండే పాల్గొని అవగాహన ఒప్పంద పత్రాలను మార్పిడిచేసారు. ఒప్పందం మేరకు క్యాక్టర్ నగర్లో కంపెనీ యంత్రాలను ఉపయోగించే విధానం, టెక్నికల్ విద్యార్థులకు, కంపెనీ ఇంజనీర్లకు శిక్షణ ఇచ్చేలా ప్రణాళికలు రూపొందించినట్లు వివరించారు.

CNH Industrial Pvt. Ltd.

In same line another step towards creation of centre of excellence at SRFMTTI, MOU was signed on dated 01-11-2023 with CNH Industrial India Pvt. Ltd, Plot No. 03, Udyog Kendra, Ecotech, Greater Noida, Uttar Pradesh for opening of training academy at SRFMTTI. It will strengthen the training facilities among both parties. Director SRFMTTI, Head of Training and farm section along with staff was present during signing of MoU at SRFMTTI





New mess contract through GeM portal was Initiated and awarded to the Hyderabad based firm, The first day was inaugurated by Director and other staff of the Institute & firm has started delivering food. This initiative was taken based on the feedback of the trainees on food , It has been initiated from October 2023 to provide good quality of food to the trainees & staff members on competitive rates of about Rs. 99/day.

Interaction with Students,Farmers & Manufactures

Regular visits to classroom & field ongoing theory & practical classes of various courses by Director and heads to ascertain the quality training and understanding of the students. The feed back of students during visits is ascertained and qualitative measures for overall development of training facility at Institute has been taken up. The initiative has also be focused on futuristic involvement of industry as partner to create training facility and recent technological developments.



Visit of School Children(students)

To get the exposure on farm mechanization, group of students from various school visited to our training section. They visited to various laboratory such as Gender friendly equipment lab, tractor demonstration lab, agriculture machinery, testing laboratory etc. This exposure on utilization of farm machinery & equipments will sensitize them for their future studies planning. About 444 student from six different schools visited at SRFMTTI details as below.

Date	Name & Address of School	Total of Participant
09.10.2023	High School For hearing Impaired Children, Bukkarayasamudram, A.P	41
20.11.2023	PM Shri Kendriya Vidyalaya, Anantapur	30
28.11.2023	PM Shri Kendriya Vidyalaya, Anantapur	44
29.11.2023	PM Shri Kendriya Vidyalaya, Anantapur	123
30.11.2023	PM Shri Kendriya Vidyalaya, Gooty	120
07.12.2023	Central School, Anantapur	86
Total		444



Interaction with Students, Farmers & Manufactures

Demonstration on Gender Friendly Equipment's For Women Farmers under U-5 courses

Conducted total 5 nos. of demonstration at different location in Andhra Pradesh Under U-5 course for women farmers & total 989 women farmers got hand on training & Demonstration on Selected tools and equipment's popular in the region. Beneficiary such as Progressive farmers, farm machinery owners/operators, extension workers and related technical personnel from Govt. / semi-Govt / SAUs / NGOs etc. The main objective of the program is to increase the involvement of women in Agriculture, Technology and Gender issue, Ergonomically characteristics of women farmers, Assessment of drudgery during work & Improved farm tools and Equipment's for women farmers. Director SRFMTTI, Smt. P. Kamalabai, SAE, Sh. Nitesh Kumar Verma A.E, Sh. Mukesh Kumar T.A, Sh. E. Bhaskar Sr. tech & Sh. M. Harinatha Reddy Tech. staff from SRFMTTI participated in the course



Group of 28 farmers visited SRFMTTI, Tractor Nagar Garladinne, Anantapur on dated 01-12-2023 from Punganur Mandala Vayalaga Rythula Samakya under NABARD Watershed Management Program, for getting exposure on farm mechanization. Dr. B.M Nandede Director, SRFMTTI addressed the farmers about the latest machinery available for land preparation, seeding & harvesting. Uses of recently developed technologies by various research institutions machinery were exposed to farmers to complete the work within limited time and reduced expenses, increased yields.

Manufacturers visit at SRFMTTI

The stakeholders of the Institute such as industry, University representative have always visit to Institute, to see facility available for training and testing the machinery. Also discussed on possible collaboration in training and testing of the Machinery. Strengthening of training facilities among both parties. Various industry representatives has shown keen interest in opening Training academy at SRFMTTI. Glimpses of the visit of machinery manufacturer are given Below.



Team Mahindra & Mahindra visited on date 31.10.23



Team Class India Pvt. Ltd visited on date 28.10.23



Team Kirloskar India Pvt. Ltd visited on date 09.11.23

Outreach visits for possible collaboration with Manufacturers

Director SRFMTTI visited to M/s. Tirth Agro Technology Pvt Ltd "Shaktiman",Rajkot on dated 16.10.2023 for possible singing of MoU for creation of possible technology display facility at SRFMTTI . Interacted with higher bass of the M/s. Tirth Agro Technology Pvt Ltd. also discussed possible collaboration in training and testing of the machinery for strengthening of training facilities among both organizations. He has shown keen interest in testing of machinery from SRFMTTI.

Director SRFMTTI also visit to M/s Dharti Agro Engineering, Rajkot and M/s Bhoomi agro one of the leading sowing machinery manufacturers in India on dated 17.11.2023 for possible testing of sowing machinery. Discussed was also concentrated on display of the recently developed sowing and planting machinery at SRFMTTI for creation of updated technology display facility with involvement of leading manufactures. They have shown keen interest for collaboration with the Southern Region Farm Machinery Training and Testing Institute.



Participation in BIS Meetings



Director SRFMTTI attended various meetings of Bureau of Indian Standards (BIS), FAD 11, Panel 6 on review of Indian Standards for Power tiller as chairmen of the panel in 17 October 2023. Inputs to BIS as convener of the panel six has been provided with liasoning with the power tiller manufactures and its association of power tiller Manufacturers (PTAI) other experts from Industry & ICAR

Outreach visits to farmers for Random Sample Survey of the Machinery

As per the directives of Ministry team were created from SRFMTTI for Random Sample Survey of the Equipments/Machines supplied/ being supplied under the Crop Residue Management Scheme by the Central Teams in the States of Punjab and Haryana & creating awareness among farmers about crop residue management. Details are given in Table below:



Sr. No.	Name	Designation	Date	Location
1	Er. Pramod Yadav	Agricultural Engineer	18-10-2023 to 24-10-23	Fathebad, Haryana
2	Sh. Mukesh Kumar	Technical Assistant		
3	Sh. M. Harinatha Reddy	Technician		
4	Er. Nitesh Kumar Verma	Agricultural Engineer	25-10-23 to 30-10-23	Ambala, haryana
5	Sh. J Bhon Singh	Sr. Technical Assistant		
6	Sh. J Venkatesh	Technician		
7	Er. Nitesh Kumar Verma	Agricultural Engineer	15-11-23 to 21-11-23	Barnala, Patiala Punjab

Virtual inauguration of new building at FMTC, Hiriya, Karnataka was done with auspicious hands of Hon'ble Chief Minister of Karnataka in presence of Hon'ble Minister of Agriculture and other Hon'ble ministers in Babbur Farm , hiriya Karnataka. Director SRFMTTI & Sh. Tejbir Singh F.S attended the virtual inaugural of FMTCs new building. Director physically inaugurated the building on same day in presence of Vice Chancellor, Director Research and other dignitaries from the University. Various facilities available with the centre were visited. Centre was also advised to send the recently joined testing staff for training at the SRFMTTI for upgradation of technical skills and upkeep of files records of the testing activity.



New Machinery Arrival

In this Qtr 3rd some new machinery was arrival by the initiative of Director SRFMTTI & due to arrival of new machinery Ayudha Puja was celebrated in SRFMTTI on dated 13.12.2023. On this day, all instruments - big and small - are cleaned and worshiped. The small and medium-sized things are placed on a pedestal and decorated with flowers. Vermilion is also applied to them as a part of the worship ritual. This act is believed to bring success and prosperity in endeavors.



SN	Name of Machine/Vehicle/Tractor	Qty	Arrival
1	Mahindra Bolero Camper (four wheeler)	1	Dec 23
2	Farmtrack 45 hp tractor	1	
3	ICAR-CIAE Hand Held Vegetable Transplanter (Model-I Single row)	5	
4	ICAR-CIAE Hand Held Vegetable Transplanter (Model-II Two row)	5	
5	ICAR-CIAE Manually operated Push Type single row Planter with fertilizer drill for Millets- Multi- Crops	1	
6	ICAR-CIAE Manually operated Pull Type Three Row Planter for Millets-Multi-Crops (Model I-Inclined Plate Type)	1	
7	ICAR-CIAE Manually operated Pull Type Three Row Planter for Millets-Multi-Crops (Model II-Vertical Plate Type)	1	Oct 23
8	ICAR-CIAE Bullock Drawn Three Row Planter for Millets- Multi- Crops (Model II-Inclined Plate Type)	1	
9	ICAR-CIAE Bullock Drawn Three Row Planter for Millets- Multi- Crops (Model II-Vertical Plate Type)	1	
10	ICAR-CIAE Tractor Drawn Seven Row Planter for Millets- Multi- Crops (Model II-Inclined Plate Type)	1	
11	ICAR-CIAE Tractor Drawn Seven Row Planter for Millets- Multi- Crops (Model II-Vertical Plate Type)	1	
12	Tractor operated drum type 4 row pneumatic planter with fertilizer drill for cotton and pigeaonpea	1	

Events

SWACHHTA Hi SEVA

Swachhata Hi Seva and Special Campaign activity was conducted on dated 02.10.2023 and the cleaning activities inside and outside premises, review of record files of all sections. An event was created at Akuledu Village, Singanamala mandal for 1-10-2023 and cleaning activities were carried in village with the staff and the Sarpanch and Villagers. Four identified sites in the village were cleaned. Around 200 participants participated in the event. Implementation phase of the Special Campaign 3.0 was organized throughout the month. Around 300 files were reviewed during the month. Around 513.72 sq ft area was cleared and utilized as hostel room & visitor room. Approx 1500 kg of miscellaneous scrap disposal was collected and it is under process with expected revenue of approximately Rs. 37,500/-.



Swachhata Pledge

Swachhata Pakhwada was organized during December 16, 2023 to December 31, 2023. Swachhata pledge was held on December 23, 2023. During the event around 70 participants including trainees, apprentices and contractual laborers participated to make it a grand success and cleaned various site at the Institute.



Vigilance Awareness week

Vigilance Awareness week was celebrated by this Institute w.e.f 29.10.2023 to 05.11.2023. Opening ceremony-Integrity pledge was administered by Director on 30.10.2023 followed by essay writing competition & Speech competition. Valedictory function and distribution of prize to the staff participated in various competitions during Vigilance Awareness week was held on 06.11.2023. All Staff participated in the event & witnessed the prize distribution ceremony.



Name of Event	position	Name and Designation of the Winner
Speech Competition (Role of Government Servant in Prevention of Corruption)	1 st	Shri. B. Nagaraju, Agricultural Assistant
	2 nd	Shri. Nitesh Kumar Verma, Agricultural Engineer
	2 nd	Shri. Sudhir Kumar Singh, Jr. Translation Officer
	3 rd	Shri. Halke Bhai, Library Information Assistant &
	3 rd	Shri. M. S. M. Ali Moula, Senior Technician
Essay Competition (Nivarak Satarkata Dwara Bharshachar Nivaran)	1 st	Shri. Sudhir Kumar Singh, Jr. Translation Officer
	2 nd	Shri. B. Nagaraju, Agricultural Assistant
	3 rd	Shri. Neeraj, Technical Assistant

Farm Section

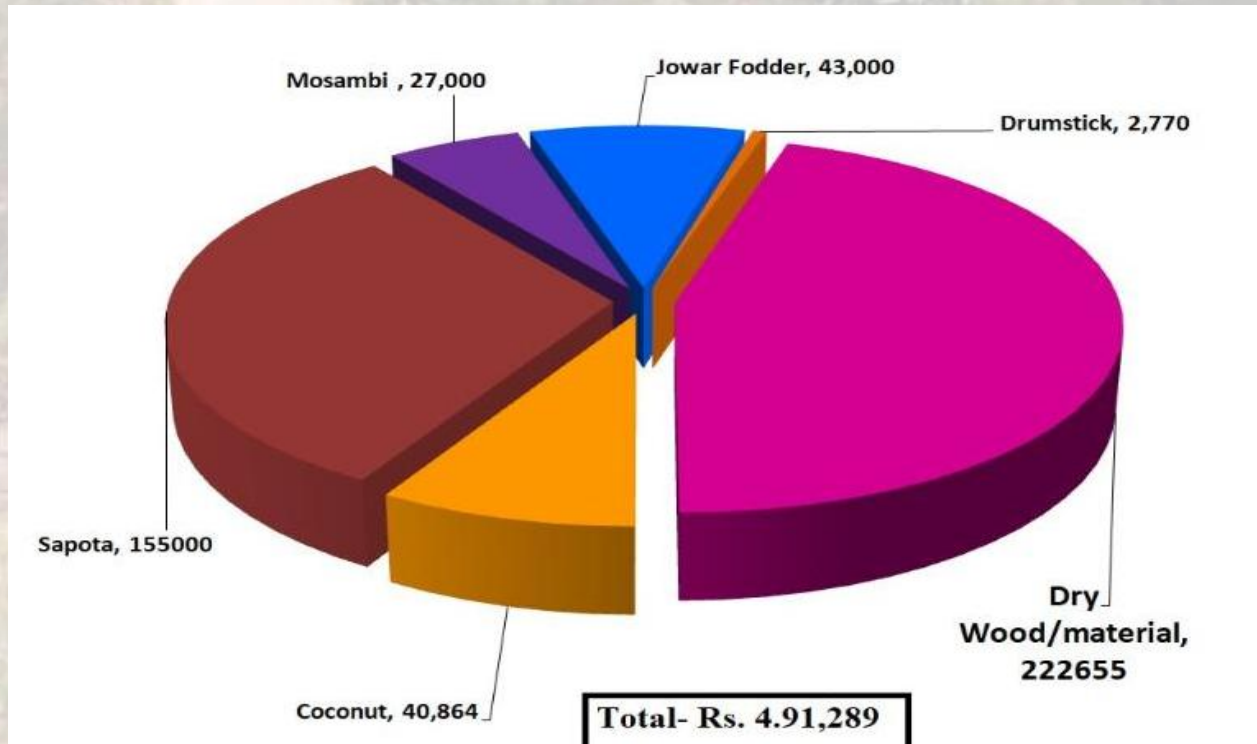
Farm at a Glance

- Farm section initiated the pruning of uneven branches of an avenues, plantation located in the areas of farm roads, colony side, estate, guest house sides, trainees hostels side, etc and collected the revenue of Rs. 2,22,655 in this Qrt III.
- Farm section has generated a revenue of ₹ 4,91,289/- from different orchards & Field Crops and Agro-Forestry in Qrt. III.
- Total revenue collected by farm section in CFY 2023-24 is ₹ 8,67,522/-
- Restoration of land has been done by remove the unwanted vegetation, weeds, thorny /trees grown in that area. Now, about 80 Acres made ready for testing and training section activity and can be cultivable.The plot pertains survey No. 21,22,25 and 26 near by Akuledu road side have been made ready for use.
- About 200 Tamarind plants in 10 acre area has been planted at the back side of Lemon orchard to enhance the greenery and to generate long term revenue.



Revenue Received During the Quarter (Crop-Wise) Oct-Dec, 2023

During this 3rd quarter farm section generated revenue of ₹ 4,91,289/- from different orchards & Field Crops and Agro-Forestry & total up to this FY 2023-24 is ₹ 8,67,522/-.



Administrative Section

BUDGET ESTIMATE/EXPENDITURE FOR THE QUARTER OCTOBER TO DECEMBER, 2023

The budget received form the Ministry for CFY 2023-24 under major head 4401 & 2401 is ₹ 674.25 Lakh. The expenditure incurred in Qrt 3rd is ₹139.37941 Lakh. Percentage of budget utilization in Qtr I is 25.43% and Qrt IInd is 20.88% & Qtr. III is 23.85% of total budget. Total budget utilization by the end of Qrt 3rd is 74.94% which amount to be ₹ 437.84108 Lakh, Respectively. The budget utilization shown below is the actual expenditure made on all bills. However, the budget utilization under Major heads ‘4401’ which containing Motor vehicle, Machinery equipments and Major works till date is 10.10%. However the supply order & procurement of Agriculture Drones, Generators, Sound level meter, Vibration level meter, millet machinery, other machinery has been initiated.

Head	Budget Estimates 2023-2024	Expenditure from 01.10.23 to 31.12.23	Progressive Expenditur e	Percentage (%) against B.E
Major Head “2401” - Crop Husbandry, 113-Agricultural Engineering (Minor Head), 01 – Tractor Training & Testing Institute, 01-Establishment				
01-01-01 Salaries	2,50,00,000	59,18,928	1,93,36,254	77.35
01-01-02 Wages	15,00,000	3,57,049	10,11,709	67.45
01-01-05 Rewards	2,72,375	2,72,375	2,72,375	100.00
01-01-06 Medical Treatment	15,00,000	97,161	3,84,757	25.65
01-01-07 Allowances	1,27,27,625	34,01,858	1,08,06,634	84.91
01-01-08 Leave Travel Concession	2,50,000	1,02,307	1,85,193	74.08
01-01-09 Training Expenses	2,00,000	0	3,000	1.50
01-01-11 Domestic Travel Expenses	17,00,000	2,99,804	16,64,704	97.92
01-01-13 Office Expenses	75,00,000	20,36,104	70,28,447	93.71
01-01-16 Printing & Publications	1,50,000	0	0	0
01-01-19 Digital Equipment	1,00,000	0	45,000	45.00
01-01-21 Supplies & Materials	25,00,000	6,13,343	8,05,401	32.22
01-01-24 Fuel & Lubricants	23,25,000	7,15,753	14,48,156	62.29
01-01-26 Advertisement & Publicity	7,00,000	850	5,51,190	78.74
01-01-27 Minor Works	15,00,000	0	0	0
01-01-28 Professional Services	1,00,000	0	55,700	55.70
01-01-29 Repair and Maintenance	1,00,000	44,611	55,611	55.61
01-01-49 Other Revenue Expenditure	1,00,000	0	0	0
01-96-13 Swachhata Action Plan	2,00,000	77,798	1,29,977	64.99
TOTAL	5,84,25,000	1,39,37,941	4,37,84,108	74.94
Head	Budget Estimates 2023-2024	Expenditure from 01.10.23 to 31.12.23	Progressive Expenditure	Percenta ge (%)
Major Head “4401” – Capital Outlay on Crop Husbandry, 113- Agricultural Engineering, Minor Head-19 Tractor Training and Testing Institute				
19-02-51 Motor Vehicle	15,00,000	9,09,399	9,09,399	60.63
19-02-52 Machinery and Equipment	75,00,000	0	0	0
19-02-53 Major Works	0	0	0	0
TOTAL	90,00,000	9,09,399	9,09,399	10.10

Visit of VIPs

Hon'ble Smt. S Rukmani, Joint Secretary and Dr. VN Kale, Additional Commissioner (Machinery), Machinery and Technology Division of Department of Agriculture and Farmers Welfare, Ministry of Agriculture and Farmers Welfare, Government of India, visited to Southern Region Farm Machinery Training & Testing Institute, Tractor Nagar Garladinne on dated 22.12.2023. After brief discussion with Director of the Institute Dr. B.M Nandede and all the Heads of Divisions on various activities and achievements of the Institute, she visited training section, class room & various lab in the training section & also had interaction with the trainees of various courses about their ongoing classes and distribute certificate to the trainees of various courses. She addressed to the trainees about new training initiative also be focused on the new updated technology in the field of agriculture such as drone spraying, agro robotic, Artificial Intelligence (AI) and Inter net of Things (IoT) etc. She also visited various laboratories of testing section & reviewed the facility available for testing the agriculture machinery at SRFMTTI. During the visit of farm section she visited in various orchards field & also expressed satisfaction the way training,testing & farm activities for well maintained by the Institute. Appreciated the various initiatives by Director and his team and advised to explore the possibility to make this institute as "Agro-tourism" place. She expressed happiness on the nicely maintained and clean campus of the Institute wish work harder for future endeavors.



కచ్చితమైన పరీక్షణ నిర్వహించాలి

గార్లదినె: గ్రామీణం, స్కూలుబడి: యంత్రాల నాణ్యత ప్రమాదాల్లో కచ్చితమైన పరీక్షణ నిర్వహించాలని కేంద్ర వ్యవసాయ శాఖ సంయుక్త కార్యదర్శి రుక్మిణి, కమిషనర్ డాక్టర్ వి.యస్. కాలే సిబ్బందికి సూచించారు. దక్షిణ క్షేత్ర వ్యవసాయ యంత్ర ముల శిక్షణ, పరీక్షణ సంస్థ (ట్రాక్టర్ నగర్)ను వారు సందర్శించి పరిశీలించారు. యంత్రాల ఉత్పత్తులు పెరుగుతున్న తరుణంలో ఎక్కువ యంత్రాలను పరీక్షించి విధంగా తర్రులు తీసుకుంటామన్నారు. కర్మాటక్, తమిళనాడు, ఒడిశా, తెలంగాణ రాష్ట్రాల నుంచి వచ్చి శిక్షణ పొందిన వారికి ప్రవేశపత్రాలు ప్రధానం చేశారు. ఆనంతరం డైనింగ్, పాం విభాగాలను పరిశీలించి సిబ్బందితో ముఖాముఖీ మాట్లాడారు. సంస్థ అధిష్ఠానంలో ఉండగా కలిసి ముందుకెళ్లాలని సూచించారు. కార్యక్రమంలో మంత్రి సత్య జైరెడ్డి, ఆధికారులు, సిబ్బంది పాల్గొన్నారు.

గ్రూప్ ఫీల్డం లిండజీస్కో సంయుక్త కార్యదర్శి రుక్మిణి, కమిషనర్ డాక్టర్ వి.యస్.కాలే



యంత్రాలను క్షుణ్ణంగా పరిశీలించాలి

యంత్రాల నాణ్యతను పరిశీలిస్తున్న దృశ్యం

గార్లదినె: యంత్రాల నాణ్యతను క్షుణ్ణంగా పరిశీలించాలని కేంద్ర వ్యవసాయ శాఖ సంయుక్త కార్యదర్శి రుక్మిణి, కమిషనర్ డాక్టర్ పిఎస్ కాలే పేర్కొన్నారు. శనివారం మండల పరిధిలోని దక్షిణ క్షేత్ర వ్యవసాయ యంత్ర శిక్షణ, పరీక్షణ సంస్థ (ట్రాక్టర్ నగర్)ను వారు సందర్శించారు. యంత్రాల పరిశీలన తీరును పరిశీలించారు. శిక్షణ, పాం విభాగాలను తనిఖీ చేసి, సిబ్బందితో మాట్లాడారు. ఈ సందర్భంగా వారు మాట్లాడుతూ ఎక్కువ యంత్రాలను పరీక్షించేలా చొరవ చూపాలన్నారు. సంస్థ అభివృద్ధికి కలసికట్టుగా కృషి చేయాలన్నారు. ఆనంతరం డిస్టింగ్ పద్ధతులపై యంత్రాల కల్లి ట్రేషర్, నిర్వహణపై శిక్షణ తీసుకున్న పలు పురు శాస్త్రవేత్తలు, ఇంజనీర్లకు వారికి సర్టిఫికెట్లు ప్రధానం చేశారు. కార్యక్రమంలో ట్రాక్టర్ నగర్ సంస్థ డైరెక్టర్ డాక్టర్, నాందేడి, ఆధికారులు తదితరులు పాల్గొన్నారు.





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