



New Authorizations



From the Director's Desk



Mechanization is crucial in the growth of agriculture. Application of farm machinery is increasing continuously in Indian Agriculture as it contributed to the increase in productivity due to timeliness of operations and increased precision input application. Besides this speeding up of agricultural tasks and the high productivity, the technology used in tractors and allied prime movers at current times can do much more with it. Recent technological development in agriculture such as use of GPS, weather tracking, satellite imaging and use of drone, robots and other battery operated equipments as per need of the stake holders are creating opportunities to upgrade the training and testing facilities and with more focusing of its quality testing and generation of human resource for handling such advanced techniques as moving towards a new era of agricultural mechanization and future farming in India by various stakeholders.

I am happy to share this Newsletter with all 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. New authorizations received from Ministry for testing of Plant Protection Equipment, Multipurpose tool bar, Battery operated equipment, Power tiller and tractor operated combine harvesters is the key highlight of this quarter. Up gradation of various facilities and infrastructure of the Institute as per increased targets from Ministry has also been focused. Efforts made towards creation state-of-art facility for drone training, battery operated and other allied machinery testing through digitization Initiatives. Interaction with FMTCs of southern region and machinery manufacturers for testing of implements at Institute, etc. has been accelerated. Institute has signed MoU with M/s. VST tillers Pvt. Ltd., Bengaluru Karnataka for creation of training facility related to power tiller and allies machinery at Institute. Being Nodal office to Southern India, efforts are being made by Institute on new testing guidelines, guidance to the testing centres, future up gradation possibilities of testing centers. Liaison with the power tiller, and other allied industries for collaborative efforts for overall development of training and testing activities are also being concentrated. These efforts are increasing the participation of industry, State and Central government Institutions, FPOs, NGOs, other stakeholders to get themselves upgraded with skills. The training and testing targets received from ministry is 5300 and 125, respectively. Institute has imparted Need based (NB), Academic Level (A1), Management Level (M1) & User level (U5) training programs to Graduate engineers, Agricultural graduates, Industry officials and Women farmers & total 801 trainees trained in this Qrt-I of FY 2024-25 & generated revenue of ₹5,20,250/-. The number of trainees trained in is 1.4 times more than that of Qrt-I of last FY. Moreover the revenue earned is 1.65 times more as compare to the Qrt-I of last FY. Total 58 test reports have been released in this 1st Qrt-I of FY 2024-25, it is 2 times more than that of Qrt-I of 2023-24. It is covering 04 different category of machinery. One report has also been released on the new authorization received from ministry in the same quarter. Total revenue earned by testing in this 1st quarter of FY 2024-25 is ₹63,33,717/-. It is 03 times more as compare the to revenue earned in the last FY of same quarter. Farm section has taken up a huge sowing plan on 138 acre land developed in last year. Farm section has generated revenue of Rs. 4501/- by auction mango orchard

Digest	
Training	2-4
Success Story	4 & 8
Testing	5-8
Interaction with Farmers	9
Industry Liasoning & visit to industry & FMTC	10-12
Administrative section	13
Events & Works	14-15
Farm Section	16-17
New arrival machinery & News from Personnel	18

Administrative section has generated the revenue of ₹7,00,022/- in this Qrt-I. **Total revenue** generated by the Institute in this **Qrt-I** of FY 2024-25 is ₹75,58,490/-. About 292 students including farmers visited to SRFMTTI, Industry personnel and visits to industries/ Institutes by Director is creating a bond between industry-academia. Various efforts are being made to make the Institute as center of excellence in farm mechanization of horticulture and allied crops. Newer technology developments by the manufacturers enabling to create new testing facility in southern India. Attempts are also being to enhance the facilities for its maximum utilization. Contribution to BIS formation of Indian standards and its requirement as per stakeholders requests is also being focused as the Nodal office to southern India. I am thankful for constant support and encouragement received from officers and officials at the Ministry.

Training Section

TRAINING AT A GLANCE

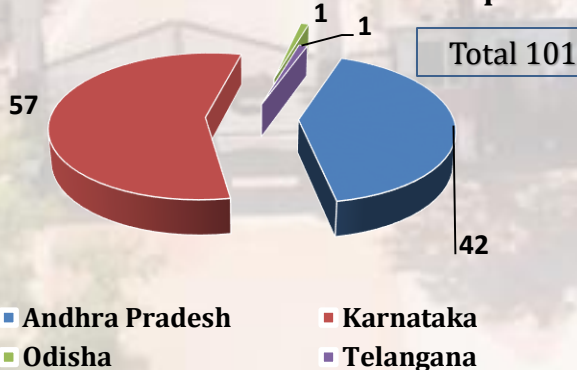
- Thirteen batches were trained through various types of courses conducted in this **1st** quarter of 2024-25 viz. Academic, Need Based, U-5 for women farmers & Management Level courses.
- Revenue generated during this **1st** quarter from this section is ₹ **5,20,250/-**
- Total trainees trained during this **1st** quarter of 2024-25 is 801 against target of 5300 and covered 15% of annual target 2024-25 covering **17 States** of India. It is 1.4 times more than that of trainees in trained in first quarter of last FY. The state-wise participation of trainees during April to June 2024 is given below:

Sr. No.	STATE	APRIL	MAY	JUNE	TOTAL
1	Andhra Pradesh	42	488	18	548
2	Assam	0	0	7	7
3	Bihar	0	0	15	15
4	Gujarat	0	0	4	4
5	Goa	0	0	2	2
6	Haryana	0	0	1	1
7	Jharkhand	0	0	4	4
8	Kerala	0	1	0	1
9	Karnataka	57	0	0	57
10	Maharashtra	0	0	103	103
11	Odisha	1	0	9	10
12	Punjab	0	0	1	1
13	Tamil Nadu	0	11	11	22
14	Telangana	1	0	3	4
15	Uttar Pradesh	0	0	9	9
16	Uttarakhand	0	0	1	1
17	West Bengal	0	0	12	12
TOTAL		101	500	200	801

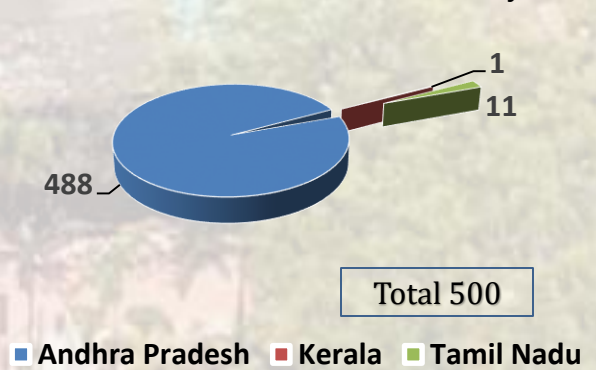
Target & Achievement

In the month of April 2024, training imparted to 101 trainees in the A-1 & Management level. The participation was more from Andhra Pradesh followed by Telangana, Karnataka and Odisha. Moreover, in May 2024 the training imparted with quantity of 500 trainees in the A-1 series/NB/Management level courses & U-5 courses for women farmers. The participation of the trainees was from Andhra Pradesh, Kerala & Tamil Nadu. In last month of the quarter June 2024, training imparted to 200 trainees in the A-1 series & management level courses. Moreover, the participating States were namely Andhra Pradesh, Assam, Bihar, Gujarat, Goa, Haryana, Jharkhand, Maharashtra, Odisha, Punjab, Tamil Nadu, Uttar Pradesh, Uttarakhand, West Bengal & Telangana. In this quarter the training section of the Institute has trained total number of 801 trainees from 17 different States of the country.

State-wise Trainees Trained in April

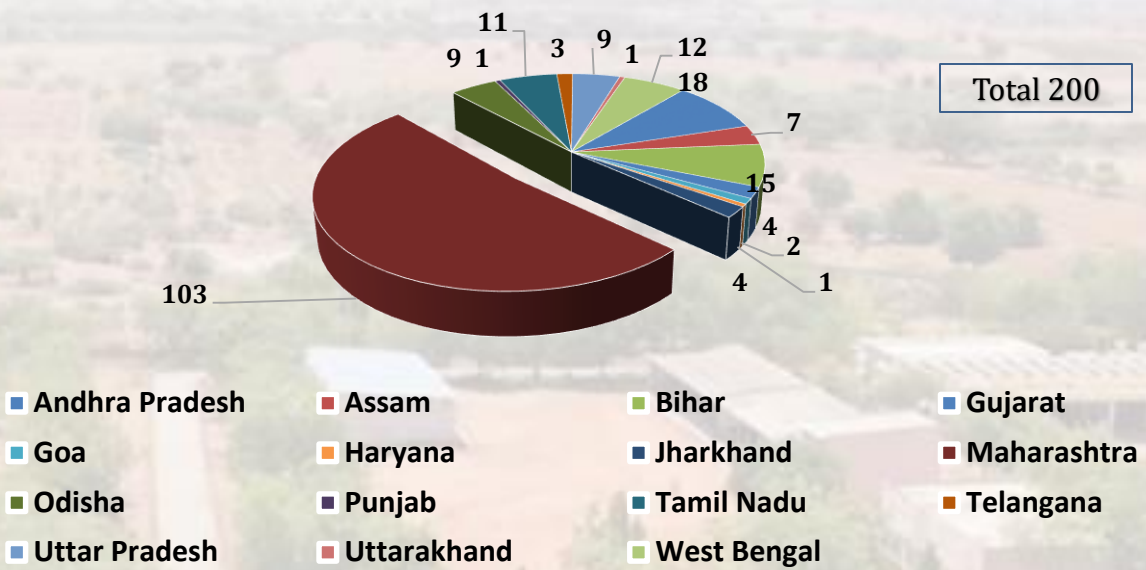


State-wise Trainees Trained in May



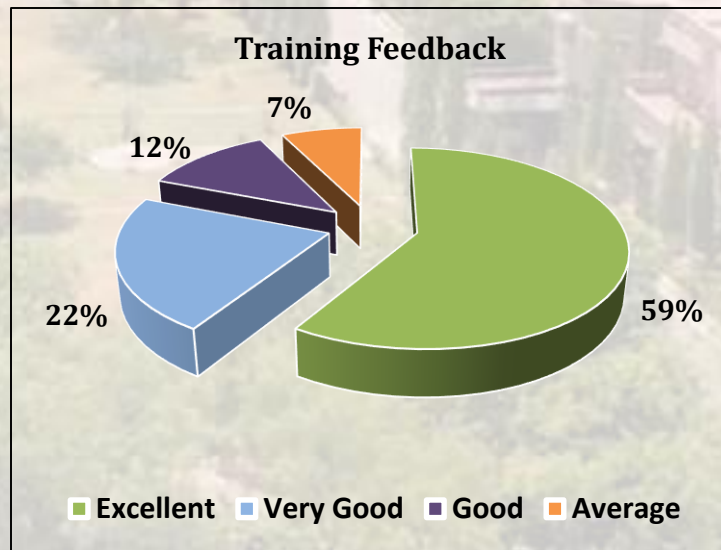
Training Section

State-wise Trainees Trained in June



Feedback on Training

Training feedback is being taken by the section of the Institute at the end of every completed course to ascertain the level of knowledge & skills imparted by training staff to the participants and improve the training facility, food facility, hostel facility and courses content etc. It creates an effective learning & development strategy with adequate training programs. The data on feedback was collected, analysed and found that 59%, 22%, 12% & 7% of the trainees rated it as Excellent, Very good, Good & Average respectively. It will ascertain whether

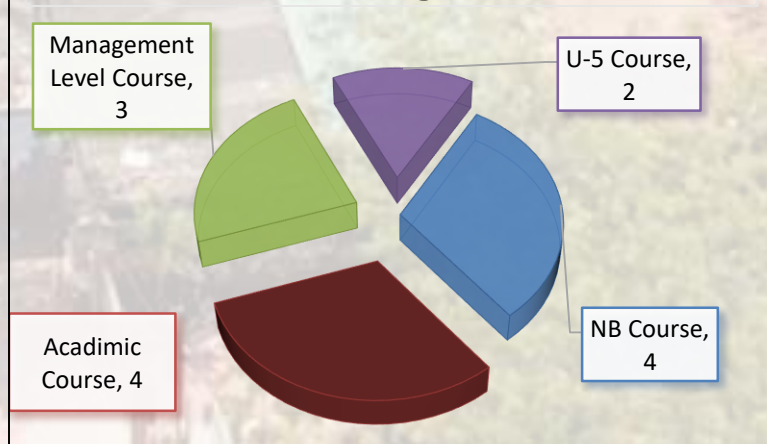


specific training programs achieved with set objectives or not and whether the learning Resource meet with the expectations & need of trainees for their skill development. Continuous effort has been made by team SRFMTTI to make the training more effective for trainees by sharing knowledge session on Agriculture Drone sprayer & recently developed technology in the field of agriculture & mechanization for the farmers uses.

Course Conducted

Various courses such as Need Based, Academic level / Management level & U-5 course for various stream of participants were organized. Total 801 number of participants were trained in 13 batches during April 2024 to June 2024. Total 30 type of courses are offered by the training section to meet the need of Industry, for Farmers & Rural Youth etc.. in the field agriculture mechanization through creating the awareness between the stakeholders etc. Course-wise distribution of the training conducted is shown here.

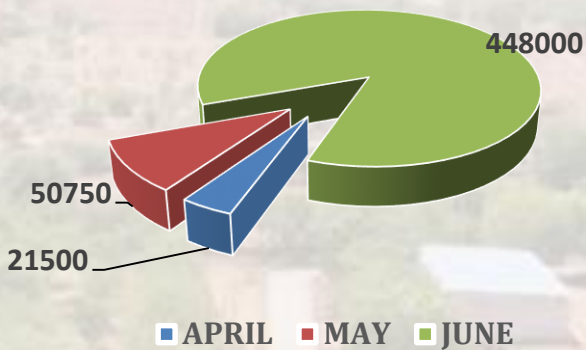
Course Conducted during Qrt-I of FY 2024-25



Training Section

Revenue generation

Total Rs. 5,20,250/-



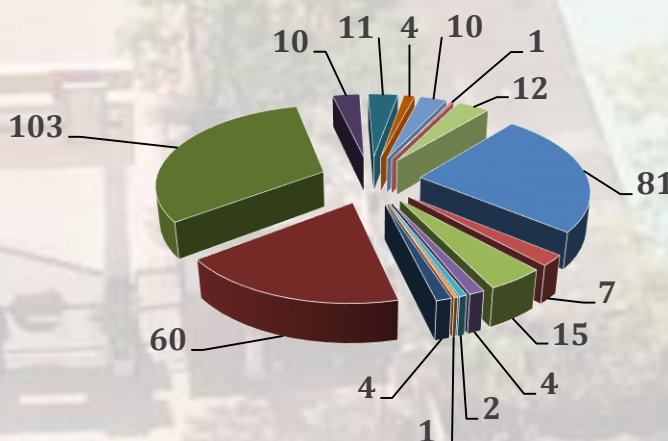
Institute has opened the doors for the students from various universities of private and government collages/universities and industries for more and better dissemination of knowledge to quality human resource development. Continuous efforts are being made by section to develop new line of courses considering the requirements of industry as well as other stake holders in the field of agriculture mechanization, Total revenue generation has reached to ₹5,20,250/- revenue has been generated during April 2024 to June 2024 in this FY 2024-25.

Success Story: Independent Drone Demonstration

In this 1st quarter of 2024-25, Team SRFMTTI started drone demonstration independently. A step towards creating awareness and promotion of drone technology in the field of agriculture mechanization, a drone based spraying demonstration was conducted at the SRFMTTI campus. Kisan drone, a revolutionary technology that is effectively used for the precision spraying of pesticides thereby reducing chemical usage and its cost, assessment of crop health, and real-time monitoring of weed, disease, and insect infestations over large area thus enabling their timely management. Trainees of various batch actively participated in these programs, In this 1st quarter of 2024-25 total **05 nos.** of drone demonstration was conducted & covering about **325** beneficiaries from **15 states** of country. Earlier demonstration was done in farmers field with the help of Drone manufacturing company with his Drone Instructor cum Pilot but this time team SRFMTTI started independently Agriculture Drone Demonstration for farmers & Trainees of various courses. Sh. Nitesh Kumar Verma A.E, Sh. D. Kanakappa STA, Sh. Neeraj T.A & Sh. E. Bhaskar Sr. Tech successfully conducted these drone demonstration programs under the guidance of Director SRFMTTI.



Participants form different States in Drone Demonstration



Total 325

- Andhra Pradesh
- Assam
- Bihar
- Gujarat
- Goa
- Haryana
- Jharkhand
- Karnataka
- Maharashtra
- Odisha
- Tamil Nadu
- Telangana
- Uttar Pradesh
- Uttarakhand
- West Bengal

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

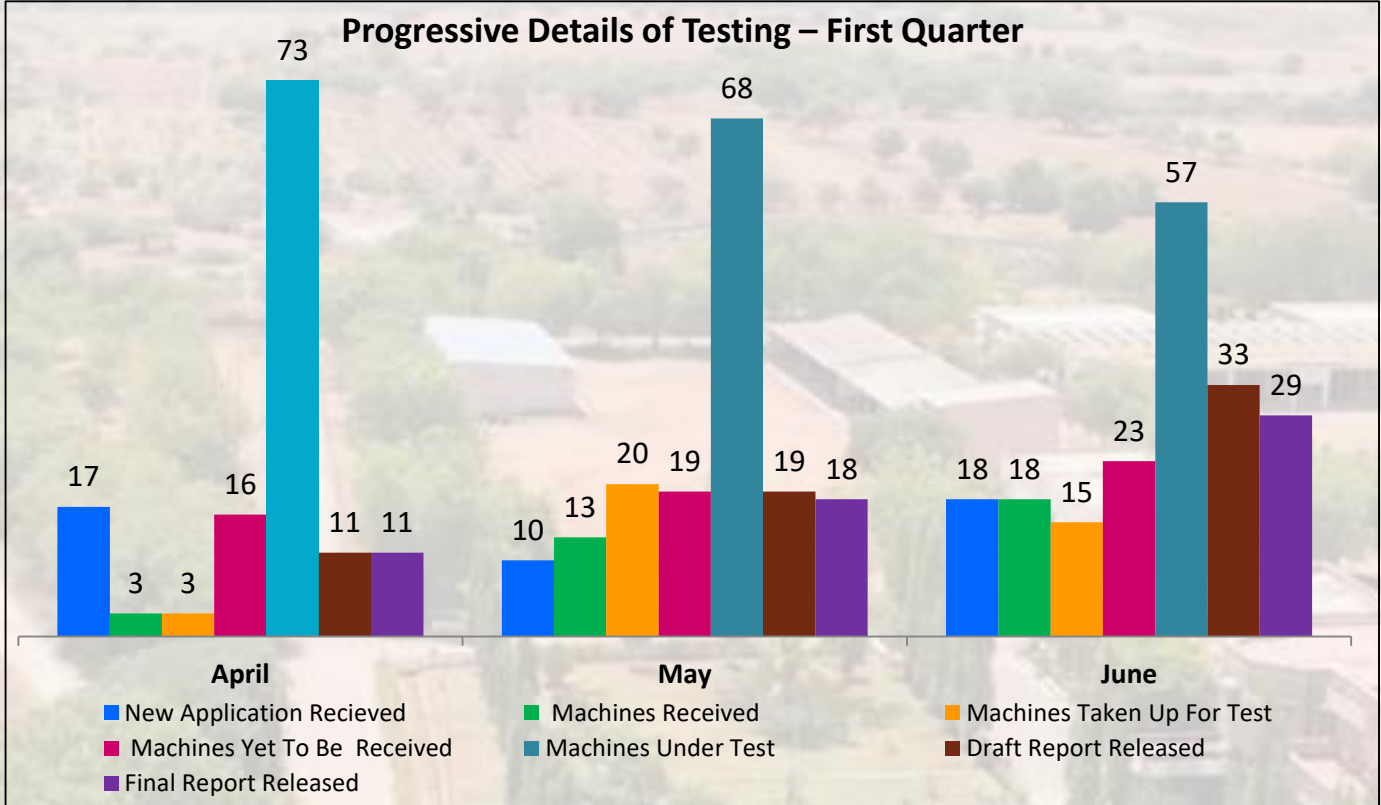
1. Testing of the battery operated machinery such as ride on self propelled tool bar and power operated machinery such as self propelled platform for tree maintenance (fruit harvester cum pruner) and other machinery such as tillage, intercultural, sowing and harvesting and threshing machinery testing has been resumed in this quarter.
2. Total number of machines received in this quarter 34, machines taken-up for test and draft reports released is 38 and 63, respectively.
3. In this quarter, 58 test reports were released against the target of 125. Achieved **47%** of target for this financial year 2024-25 within a three months.
4. The total revenue generated in the month of April, May & June is **Rs. 63,33,717/-** and 45 new application received in this quarter.
5. Major highlight of this quarter is receipt of the four new authorization at SRFMTTI, Namely plant protection equipments, multipurpose tool bar, battery operated equipments and power tiller/tractor operated combine harvester.
6. One report on battery operated multipurpose tool bar has been released in the same quarter and receiving applications for other authorizations has been initiated.

Status of testing machinery and category wise testing of machinery

Particulars		APRIL	MAY	JUNE	TOTAL
New application received		17	10	18	45
Machines received		03	13	18	34
Machines taken up for test		03	20	15	38
Machines yet to be received		16	19	23	58
Machines under test		73	68	57	57
Draft report released		11	19	33	63
Final report released		11	18	29	58
Revenue generated		17,53,118/-	13,00,100/-	32,80,499/-	63,33,717/-
Category wise machine tested	Power tiller	00	00	00	00
	Seedbed preparation	02	02	02	06
	Inter cultivation	03	09	13	25
	Sowing & planting	02	01	03	06
	Harvesters & Threshers	04	06	11	21
	Tractor trailer	00	00	00	00
	Misc.(Blade)	00	00	00	00
Total		11	18	29	58

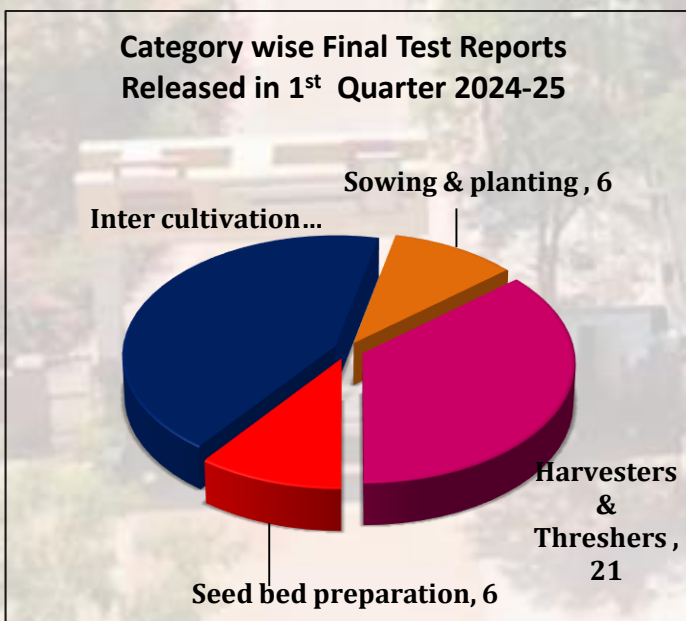
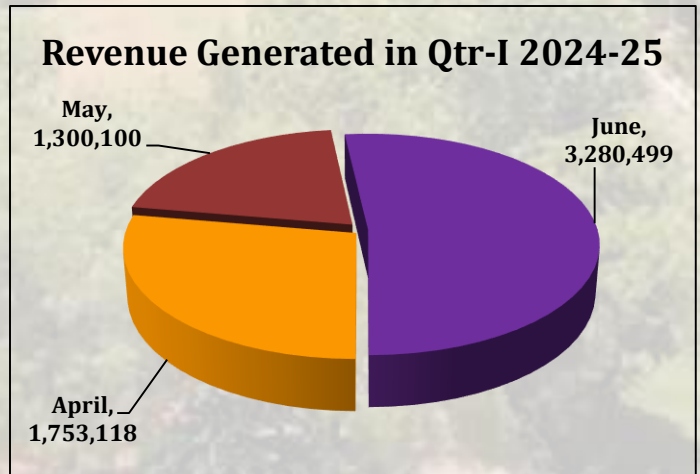
Testing Section

In this quarter, 45 new applications were received and 58 Final Test Reports have been released. progressive details of the various stages of applications and draft reports released is given below
















Revenue Generated in 1st Quarter 2024-25

The total revenue generated in the month of April, May & June is **Rs. 63,33,717/-**. 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. Applications for plant protection has also been received.



The machines are received from various states such as Karnataka, Maharashtra, Haryana, Andhra Pradesh, Tamil Nadu, Kerala, Odisha, Gujarat and West Bengal etc. Total 58 test reports have been released in this quarter covering 04 different category of various agricultural machines against the target of 125 & achieved 47% of target for this financial year 2024-25. Moreover, the new authorizations on testing of various implements will certainly add to the revenue and increase the number of testing reports to be released in the given financial year 2024-25

Type of Machinery tested in Qtr. I

Name of the Machine	Photo of machine	Make, Model and Address of Applicants
Brush Cutter		SAMPOORTI FARMTEC PRIVATE LIMITED, Paddy harvester 52, Bangalore.
		SAMPOORTI FARMTEC PRIVATE LIMITED, harvester BP 35, Bangalore
		BUSHRA IMPEX, X1-JX35, Bangalore
		Benson Agro Engineering, BAE-BC-35, Nasik, Maharashtra.
		BUSHRA IMPEX, X1-POWER, X1-630, Bangalore
		S V R AGRO IMPEX, MOUNTFIELD, MF-210, Shivamogga, Karnataka
		AS Traders, CROPMATE, CMT-40 BC, Delhi
		Sri Venkateshwara Enterprises, FARMERS WING, FW-350, Shivamogga, Karnataka
		Sri Sai Agri Tech, AGRICARE, AC-BC-35, Sindhanur, Raichur, Karnataka
Power Weeder		Sri Sai Agri Tech, AGRICARE, AC-5200, Sindhanur, Raichur, Karnataka
		VJ Materials Mart, WEIMA, WM1000NA,, Erode-638003, Tamil Nadu
		VJ MATERIALS MART, WM1100B, Erode- 638003, State-Tamil Nadu
		Really Agritech Private Limited, MY-550G, Thane, Maharashtra,
		VJ Materials Mart, WEIMA, WMX620A-1, Erode, TN.
		Bushra Impex, X1- POWER, X1-750P, Bangalore
		Chakradhar Chemicals Pvt. Ltd, Saarthi ICM 200P (SGB24), Bangalore
		S V R AGRO IMPEX, MOUNTFIELD, MF-9000D, Shivamogga, Karnataka
		S V R AGRO IMPEX, MOUNTFIELD, MF-700P, Shivamogga, Karnataka
		Bushra Impex, X1- POWER, X1-1050, Bangalore
		S V R AGRO IMPEX, MOUNTFIELD, MF-9D, Shivamogga, Karnataka
		V.S.T. Tillers Tractors Ltd., VST, FT 20, Malur, Kolar, Karnataka
		Sampoorti Farmtec Pvt. Ltd, Chakradhar Chemicals Pvt. Ltd, NANDI ICE 406D, Banglore
		Dibyanka Argo (India) Private limited, DIBYANKA, DP-500P, Balasore, Odisha
		Sri Venkateshwara Enterprises, FARMERS WING, FW-700P, Shivamogga, Karnataka.
		Sri Venkateshwara Enterprises, FARMERS WING, FW-700BD, Shivamogga, Karnataka.
		Sri Venkateshwara Enterprises, FARMERS WING, FW-900D, Shivamogga, Karnataka.
		Georg Maijo Industries Pvt, WM 1100C6 DLX PLUS, Chennai, Tamilnadu.
		Georg Maijo Industries Pvt, WM 1100CM ELITE, Chennai, Tamilnadu.
		Really Agritech Private Limited, MITSUYAMA, MY-573D, Thane, Maharashtra.
		A.R. Agro Equipments, INDOXEN, 105P, Kozhikode, Kerala
Sri Sai Agri Tech, AGRICARE, AC-9000D, Sindhanur, Raichur, Karnataka		
ICS MERCHANDISE PRIVATE LIMITED, ICS - PW 1200, Bangalore		
ICS MERCHANDISE PRIVATE LIMITED, ICS-SC1000D, Bangalore		
A.R. Agro Equipments, INDOXEN 850D, Kozhikode, Kerala		
Paddy Transplanter		C And O Trade India Private Limited, Clavis CK-400, Tamilnadu
		Ralo Agro Genetic, RALO, ES6R, Jangaon, Telangana
		MAHINDRA, PADDY WALKER 6RO, Dhar-454775, Madhya Pradesh.
		Shree Shivam Agro Industries, Flying Farmer-4ZS, Kalahandi, Odisha
		George Maijo Industries Pvt. Ltd, GEORGE MAIJO, MAIJO AP 40, Kozhikode, Kerala
Pneumatic Planter		Dharti Agro Engineering, DAE-DP2, Rajkot, Gujarat
Rotavator		Mahavator HD 1.2 M, Mahindra and Mahindra Ltd, S.A.S Nagar, Punjab.
		Mahavator HD 1.7 M, Mahindra and Mahindra Ltd, S.A.S Nagar, Punjab.
		Swaraj, Duravator SLX PLUS HD 1.2M, Mumbai, Maharashtra.
		Swaraj, Duravator SLX PLUS HD 1.7M, Mumbai, Maharashtra
Power Harrow		Tirth Agro Technology Pvt. Ltd, Shaktiman, SPH-5D SINGLE SPEED, Rajkot, Gujarat
		Tirth Agro Technology Pvt. Ltd, Shaktiman, SPH-6D SINGLE SPEED, Rajkot, Gujarat.
Reaper		Benson Agro engineering, 4GL-120, Nashik, Maharashtra
		Dibyanka Argo (India) Private limited, DIBYANKA, DA IPL-DR-4R, Balasore, Odisha
		A.R. Agro equipments, INDOXEN, AR120, Kozhikode, Kerala
		FORTUNEAGRO IMPEX, FAI-4G-120A, Bangalore
		KisanKraft Limited, KK-SPR-1201PE, Bangalore
Chaff Cutter		Really Agritech Private Limited , RAPL-CC-9Z-1.0, Thane, 421302, Maharastra
Thresher		Metro Engineering Works, Metro, MEW DAVANGERE 16x48, Davanagere, Karnataka.
		Bilal Engineering Works, Bilal, BEW DAVANGERE 16x48, Davanagere, Karnataka.
Squar Baler		Jamna Auto Industries Limited, JAMNA, JAISB-165, Yamunanagar-135001, Haryana
Hay Rake		Jamna Auto Industries Limited, JAMNA, JAIHR-9, Yamunanagar-135001, Haryana
Ride on self propelled tool bar		INAV AGRO MECH PVT LTD, e-ZebU-3W-1200-MK-II, Malkajgiri, Telangala
Platform for tree maintenance		Tirth Agro Technology Pvt. Ltd., SHAKTIMAN, STMP-26 ULTRA, Rajkot, Gujarat

New Authorizations at Institute received from Ministry

It is our proud privilege to share this news with our esteemed stakeholders that requests from the Southern Region Manufactures and AMMA India has been considered by Ministry and authorization has been received from the Ministry for testing of -

1. Plant Protection Equipment, (Manual, engine, battery and power tiller/tractor operated).
2. Multipurpose Tool Bar (battery operated and engine operated).
3. Battery Operated Equipment (all types operated by battery).
4. Power Tiller and Tractor Operated Combine Harvester.

at SRFMTTI, Anantapur on 5th April, 2024. Moreover, the authorization to initiate the testing of all type of combine harvesters requests has also been received form AMMA India and southern region manufactures to Nodal office and same has been communicated to the Ministry and it is under consideration. Southern Region Farm Machinery Training and Testing Institute (SRFMTTI) is all the way attempting to cater the various needs of the our stakeholders and committed to it under the able guidance of Ministry. On behalf of the Manufactures and and our own behalf we extends our heartfelt thanks Hon. S. Rukamani, Joint secretary, Dr. VN Kale, Additional Commissioner and other officers and officials of the Ministry of Agriculture and Farmers Welfare, Department of Agriculture and Farmers Welfare, Machinery and Technology (A&T) Division for providing this authorization, Team SRFMTTI is committed to serve the needs of Ministry and esteemed stakeholders of Southern Region as Nodal Office of the Ministry.



Success Story

Accordingly, this Institute has initiated the testing of Battery-operated ride on type Multipurpose agriculture tool bar along with other mandated machinery. Battery-operated ride on self-propelled toolbar, vide test report no. Machine-577/1632 and released in June 2024, which is manufactured by M/S. Inav Agro Mech Pvt Ltd, 3-149/6-F1, Venkateshwara Nilayam, Mallikarjuna Nagar, Peerzadiguda, Beside Ravindra Bharthi School, Medchal Malkajgiri, Telangala-500092, India.



Technical Specifications	
Make	Inav Agro Mech Pvt Ltd.
Model	e-Zebu-3W-1200-MK-II
Type of machine	Battery operated ride on type Multipurpose agriculture tool bar
Type of motor	BLDC Motor
Rated power, kW	1.8@2800 rpm
Voltage, (V)	48
Rated rpm	2200
Battery:	
Type	Lithium-ion Battery (LFP-Lithium Ferrous phosphate)
Model	LFP51.2V100AH
Peak capacity	100AH
Operating voltage	40V-58.4 V
Cell voltage, (V)	3.2
Cell capacity, (AH)	100
Cell designation	16S1P

It is pertinent to mention that, the achievements made in first quarter for the financial year 2024-25 towards the testing target. The total test reports released in the first quarter is 58, which is the nearly 50% of the given target. It is the first time when 29 reports released in month of June 2024.

Interaction with Students, Farmers & Manufacturers

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

Conducted total 02 nos. of demonstration at different location in Andhra Pradesh Under U-5 course for women farmers & total 461 women farmers trained hands-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. Team from SRFMTTI Sh. E. Bhaskar Sr. Tech, Sh. C.V Kiran Tech., Sh. J Venkatesh Tech. & Sh. Uggersen MTS Tech. successfully conducted these demonstrations.



Visit of Engineering students & Farmers

To get the exposure on farm mechanization, group of Engineering students & farmers from Andhra Pradesh & Karnataka visited SRFMTTI. They exposed to various laboratory such as Gender friendly equipment laboratory, tractor demonstration laboratory, agriculture machinery, testing laboratory etc.. This exposure sensitized them on importance of farm machinery & equipments to reduce the drudgery of farmers and timely operation in the farms. It will also create interest of agricultural engineering and allied activities. 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. About 292 students & Farmers visited at SRFMTTI details as below.

Sr. no	Name	Date of visit	Total beneficiary
1	Farmers from Renumakulappale -II Non W/S Beneficiaries GORD, Mulakalacheruvu	03/05/2024	20
2	Farmers from Rayadurgam, Anantapur	25/04/2024	36
3	Students from Acharya N.G. Ranga Agricultural University , Agricultural College II- Year B.SC(Hons) Mahanadi	24/05/2024	98
4	Students from College of agricultural engineering , Madakasira	28/05/2024 & 06/06/2024	101
5	Students from RYM Engineering College, Ballery, (K.A)	28/05/2024	37
Total			292



Memorandum of Understanding (MoU)

Institute has signed a Memorandum of Understanding (MOU) with M/s VST Tillers Tractors Ltd for opening of training academy at SRFMTTI on Dated 04.05.2024 for strengthening of training facilities on power tillers . M/s VST Tillers Tractors Ltd representative, Sh. Ganesh Kumar. A.R , Sr. General Manager- R&D, and Director SRFMTT along with Smt. P Kamalabai, SAE, Sh. Pramod Yadav, AE & Sh. Vijay Kashyap Technical Assistant were present during the signing ceremony held at M/s VST Tillers Tractors Ltd Bengaluru. Director SRFMTTI congratulated team of M/s VST Tillers Tractors Ltd for joining hands together in training students



for betterment of farming community. This MOU will benefit farmers and trainee engineer of Southern India to get upgrade their knowledge & to meet the modern-day technological requirements in power tillers and allied machinery in the field of farm mechanization.

Visit to FMTC for Annual Inspection & Verification

Visit to University of Agricultural Science, G.K.V.K Bengaluru, Karnataka

The team in chairmanship of Dr. B.M. Nandede, Director SRFMT&TI Anantapur visited at Farm Machinery Testing Center, University of Agricultural Science, G.K.V.K Bengaluru-560065 on May 27, 2024. Dr. B.M. Nandede Director had a meeting with Hon'ble Vice-chancellor **Dr. S.V. Suresha** regarding the proposal submitted financial assistance for establishment of plant protection equipment testing facilities at FMTC Bangalore. Dr. Jayshree, Head of FMP department, Dr. B.A Ananad, Assistant professor & Coordinator were present in the meeting. Team from SRFMTTI reviewed the existing testing infrastructure facility required for testing of plant protection equipment. During the visit, team examined the existing various facilities available infrastructure, lab, workshop, tractors, machinery. Dr. B.M. Nandede, Director suggested FMTC to submit the revised proposal for financial assistance of plant protection equipment testing establishment to create the infrastructure.



Visit to Prof. Jayshankar Telangana State Agricultural University, Hyderabad

The Inspection team in chairmanship of Dr. B.M. Nandede, Director SRFMT&TI Anantapur visited at Prof. Jayashankar Telangana State Agricultural University, Rajendra Nagar, Hyderabad-500 030 (T.S.) for the inspection and verification to assess the compatibility of the testing centre to test engines & plant protection equipment on May 23, 2024. Dr. P. Rajaiah, Principal Scientist (Ag. Engg.) & Head of FMTC, PJTSAU Hyderabad welcomed the Dr. B.M. Nandede, Director and had discussion about the existing testing and infrastructure facility required for testing of engines and plant protection equipment. Inspection and verification was carried out on the various parameters i.e proposed engine testing facility, setups related to plant protection equipment testing, permanent manpower available for testing, testing procedure & testing protocols. During the inspection, team verified various facilities available, infrastructure, lab, workshop, tractors, machinery available and log books and register as per the final test reports. It was advised to increase the manpower and resent the proposal after completing procurements of required setups for proposed facility.



Annual Inspection & Verification Visit to College of Agriculture Vijayapura, University of Agricultural Science, Karnataka

The Inspection team under chairmanship of Dr. B.M. Nandede, Director SRFMT&TI Anantapur visited at Farm Machinery Testing Center, College of Agriculture Vijayapura, University of Agricultural Science, Karnataka-586101 for the Annual inspection and verification to assess the compatibility of the testing center to test plant protection equipment on June 06, 2024.

Dr. Bhimappa A, Dean (Agri) & Dr. Ramesh Beerge Principal Investigator and Testing Authority welcomed Dr. B.M. Nandede, Director and proposed the permission of Testing of Plant protection equipments establishment at FMTC, Vijayapur in addition to the existing facilities & had discussion about the existing testing infrastructure facility required for testing of engines and plant protection equipment. Inspection and verification was carried out on the various parameters i.e setups related to plant protection equipment testing, permanent manpower available for testing, testing procedure & testing protocols. During the inspection, team verified various facilities available, infrastructure, lab, workshop, tractors, machinery available and log books and register as per the final test reports. Dr. B.M. Nandede, Director suggested to re-submit the proposal with details for further forwarded to the competent authority at Ministry.



Meeting of BIS FAD-11 Panel-6 on Power tiller definition (pre-meeting)

A pre-meeting was organized by the Sh. Ganesh Kumar. A.R , Sr .General Manager-R & D, VST Tillers Tractors Ltd Bangalore 560048 on April 29th, 2024 as per the request from the PTAI to BIS- FAD 11 committee to re review the amendment (IS: 13539:2018) regarding the power tiller definition, the minimum horsepower which was hitherto given as "Shall not be less than 8 HP " was amended to "Shall be above 10 HP" during August 2023. Dr. B.M. Nandede , Director-SRFMTTI as the convener for the BIS -FAD11 panel-6 for Power tiller related standards. Detailed deliberation was made in the meeting to follow ISO or retain the same panel and made few correction in power tiller definition after completion of the meeting.



IIIrd Meeting of FAD 11/P6 at held at M/s Kisankraft Bengaluru

The IIIrd meeting of FAD 11/ P6 was organized on May 04, 2024 at M/s Kisankraft Bengaluru to formulate and review Indian Standards on Power tillers. Dr. B.M. Nandede , Director-SRFMTTI was convenor for the meeting of FAD 11/P6. Director-SRFMTTI welcomed all the panel member including Sh. Vikrant Chauhan, Member Secretary, FAD 11 & Dr. Surendra Singh, AMMA India. Total 19 members as a member/invitee have participated in the 3rd meeting of FAD 11/ P6 to review Indian Standards on Power tillers. The panel discussed the administrative and technical extension criteria included in the draft revision of IS: 13539 2018 by SRFMTTI and proposal for drafting administrative and technical extension criteria for Agricultural machinery.



External expert for PhD qualifying examination

Dr. BM Nandede was invited as external expert to conduct PhD qualifying examination of the research scholar of farm machinery and power department of CAET, VNMKV Parbhani. Dr. Indramani Mishra, Vice-Chancellor of the University along with Dr. Smita Solanki, Head FMP, Dr. PA Munde, FMTC In-charge and other officers officials welcomed the Director SRFMTTI. He has dicussed various facilities and upgradations with Vice-Chancellor and Engineering collage officers and officials present in the meeting.



Courtesy visit of GVKV university team to SRFMTTI

To guide the trainees from various states Director SRFMTTI started inviting eminent personalities from agricultural university and ICAR. In this line first invitation was sent to Vice-Chancellor of the GVKV Bangalore, Due to some emergency meeting with Hon. Secretary. Vice Chancellor could not attend the program but Dean research along with his team visited the Institute and addressed the trainees wo were completing their training. They also visited various training and testing facility of the Institute.



Administrative Section

Budget estimate/expenditure for the quarter January 24 to March, 2024

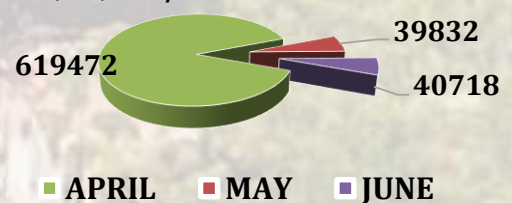
The budget received form the Ministry for CFY 2024-25 under major head 4401 & 2401 is ₹ 2520 Lakh. The expenditure incurred in Qtr. 1st is ₹ 218 Lakh. Percentage of budget utilization in quarter 1st is 8.65% of total budget. The budget utilization shown below is the actual expenditure made on all bills. However, the budget utilization under Major heads '4401' which containing motor vehicle, machinery equipments.

Head	BE 2024-2025	1 st Quarter exp. 2024-25	Percentage (%) against BE 24-25
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	80,92,147	32.37
01-01-02 Wages	1,00,00,000	10,16,445	10.16
01-01-05 Rewards	6,00,000	0	0.00
01-01-06 Medical Treat.	15,00,000	85,534	5.70
01-01-07 Allowances	1,10,00,000	57,07,049	51.88
01-01-08 Leave Travel Concession	7,00,000	33,271	4.75
01-01-09 Training Expenses	4,00,000	0	0.00
01-01-11 Domestic Travel Expenses	25,00,000	7,95,082	31.80
01-01-13 Office Expenses	1,25,00,000	38,39,443	31.15
01-01-16 Printing & Publications	4,00,000	0	0.00
01-01-18 Rent for others	2,00,000	0	0.00
01-01-19 Digital Equipment	45,00,000	0	0.00
01-01-21 Materials & Supplies	63,00,000	7,35,752	11.68
01-01-24 Fuel & Lubricants	30,00,000	2,67,260	8.91
01-01-26 Advertisement & Publicity	25,00,000	850	0.03
01-01-27 Minor Civil & Elec. Works	2,50,00,000	0	0.00
01-01-28 Professional Services	3,50,000	0	0.00
01-01-29 Repair and Maintenance	20,00,000	1,46,541	7.33
01-01-49 Other Revenue Expend.	2,00,000	8,000	4.00
01-96-13 Swachhata Action Plan	8,00,000	70,820	8.85
TOTAL	10,94,50,000	2,07,98,194	19.00
Head	BE 2024-2025	1 st Quarter exp. 2024-25	Percentage (%) against BE 24-25
Major Head "4401" - Capital Outlay on Crop Husbandry, 113- Agricultural Engineering, Minor Head-19 Tractor Training and Testing Institute			
19-00-51 Motor Vehicle	10,00,000	0	0.00
19-00-52 Machinery. and Eqpt.	2,00,00,000	0	0.00
19-00-71 Inform. Comp. Tele. Eqpt	45,00,000	9,97,950	22.18
19-00-72 Building & Structures	10,50,00,000	0	0.00
19-00-73 Infrastructural Assets	70,00,000	0	0.00
19-00-74 Furniture & Fixtures	45,00,000	0	0.00
19-00-77 Other Fixed Assets	5,50,000	13,800	2.51
TOTAL	14,25,50,000	10,11,750	0.71

Revenue earned from Miscellaneous materials

In this 1st quarter administrative section earned revenue of ₹ 7,00,022/- under office miscellaneous. Mainly through private vehicle charges & guest house chargers etc..

Total Rs. 7,00,022/-



Event/Administrative Section

International Yoga day celebration

International Tenth Yoga day celebrated on 21 June 2024 at this Institute. Shri N. Parameswar Reddy Yoga Trainer was invited on the occasion for imparting essential yoga practices to all Officers, staff members, trainees and contractual workers for healthy life. Around 200 participants/residents including the officers, staff, trainees etc. participated in the celebration. Director SRFMTTI welcome all the participants along with Yoga trainer. He addressed the gathering and stressed on importance of Yoga for overall performance of staff in the Institute. Importance of yoga to maintain healthy life and urged all the participants to practice it every day and make habit of it so as to have healthy lifestyle which is very important in day to life of participants.



Medical check-up camp

Free Medical Heart Checkup camp was organized by KIMS Saveera Hospital, Anantapur headed by Dr. V. Ramkumar, M.B.B.S on 22-06-2024. The Institute is in MOU with KIMS Saveera Hospital, Anantapur for treatment of its employees & their families. The tests for Hypertension, Random Blood Sugar, Electrocardiogram, 2-D Echo were conducted in the camp. All Officers, staff, their family members, trainees, contractual workers availed this facility. Shri. V. Ramkumar, M.B.B.S provided the necessary medical consultation to the participants.



Mission Life

Mission life for environment event was organized on date 25.04.2024 at SRFMTTI campus. Mission Lifestyle for Environment recognizes that Indian culture and living traditions are inherently sustainable. The importance of conserving our precious natural resources and living with nature. A pledge session were celebrated at campus, All Officers, Staff members and Apprentices are actively involved in this event & also planting Tamarind trees on this day with the theme of Mission Lifestyle for Environment. About 100 plants are planted at the back side area of Lemon Orchard. Total 80 members were participated in this event. Director addressed all the participants and deliberated on importance of Mission life program initiated by Ministry. He also asked the participants to plant trees in the campus and surroundings for conserving the nature and make a sustainable environmental activities for better future.



New canteen at SRFMTTI.

After several months effort SRFMTTI has awarded a contract through GeM and new canteen and services were started from month of June 2024 by a GeM contractor.

Director SRFMTTI along with Canteen Committee members, Staff members & Trainees of various course were present during opening ceremony of new canteen at SRFMTTI. About 80 people attended the first meal. This canteen facility will positively impact trainees/staff at SRFMTTI to have a optional food facility.



Major/ Minor works during April 2024 to June 2024

Water proofing treatment of terrace of Testing & Administrative buildings at the Institute.

On 17 June 2024, the minor work of water proofing of the Testing & Administrative Building was inaugurated by the Director, Dr. B.M. Nandede, The work will prevent the seepage from roof in Administrative & Testing Buildings thus protecting the same from damage. The work was allotted to a contractor by CPWD. It will save the damaged to furniture and building from seepage.



Farm Section

SURVEY ON GROUND WATER FOR DIGGING NEW BORE WELLS



With the instructions of the Ministry to ensure the water supply to residents of the SRFMTTI, ground water survey has been conducted by the professionals of Ground water Department geologist on dated 29 & 30 April 2024 in the Farm. Ground water survey helps to estimate the water yield accurately, ensuring to have enough ground water for Bore wells intended to dig. This is crucial for drinking, domestic supply of water for households relying on bore well water. Here is a proposal for digging new bore wells in the 2nd quarter.

SUMMER PLOUGING

The cleaned land in previous year by JCB was used for summer ploughing and testing of various machinery by testing section. Efforts were made to increase the sowing area for facilitating testing activities of weeders and other allied machines. This initiative held to increase the area under cropping system as source for revenue generation. As this area is water scarce and to conserve the water and prevents the surface runoff and improves moisture conservation hence refilling the water table. improves soil aeration which helps multiplication of microorganisms. Pests present on plant debris are exposed to sunlight is destroyed.



JCB Works

The cleaning and water conservation work was taken up and more than 45 acre of land was cleaned and water hume pipes were installed for collection of water towards percolation tanks through the catchment area. Initiatives were taken for halting degradation and rehabilitation of degraded land. It will facilitate reforestation, soil conservation, and the protection of natural recourses. It aims to enhance biodiversity, restore ecosystem services,.



Exclusive training driving track

The area of amore than 5 acre which as infested with thorny plants and lying down as barrel was converted to tractor driving tack for training of students. Farm section has taken the to use the barrel land. The area was cleaned by removal of all unwanted vegetation and removed the stones, big-big boulders on the way of training driving track. the soil from the farm ponds nearby has been shifted for levelling the training driving track. Now the ground is uniform and smooth by eliminated unevenness, such as depressions or slopes, getting the track ready for specific use.



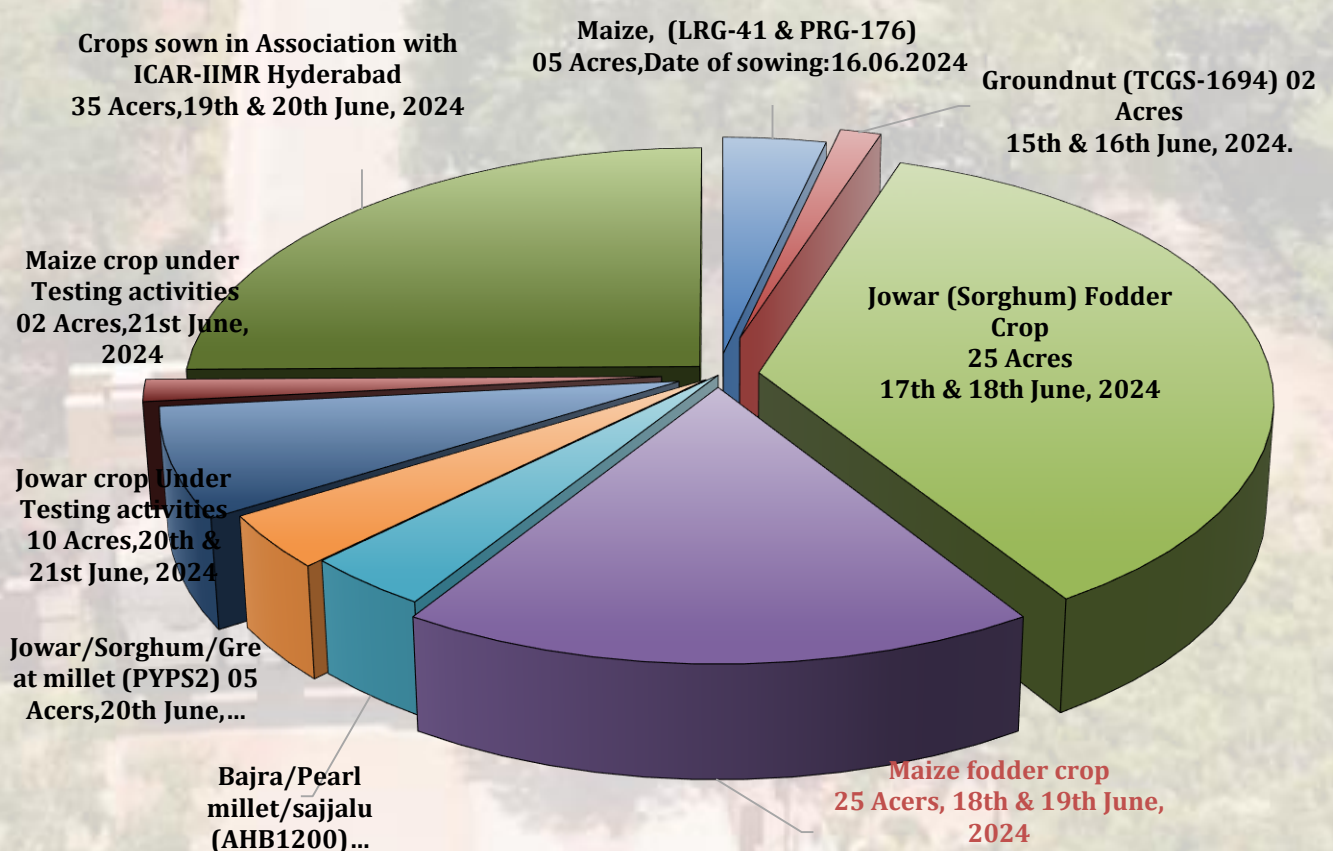
Institute has a beautiful sapota orchard which is main source of revenue of farm section. Its boundries were infested with thorny plants and creating hinderences in its management. A JCB cleaning works has done at Survey ove rthe are a of 40 acres and cleaned the orchards with plats for easy movement of machinery for its management. Raghunathupur road side area, Sapota orchards in & Out. Cleaned Farm open lands, barren lands spreads and covered with the hard plants, unwanted vegetation, undesired bushes, creepers, thorns, grass, babool, keekar, etc.. Removed the hard plants along the line and length of farm fencing areas. Unwanted hard plants in & around the Sapota orchards is removed. And Removed the boulders obstructing the intercultural works in the Sapota Orchard



Sowing of Millets Seed in association with IIMR- Hyderabad,

In association with ICAR-IIMR- Hyderabad, the seed sowing of all types of millets like Jowar, Maize, Bajra, Sorghum,Ragi, etc., has done on after 15.06.2024. The rain fall received during the month of JUNE from 03.06.2024 to till 14.06.2024 is as 85.0 mm. But since then to till date there has NO RAINS and a complete dry spell is running. Extended Dry Spell Impacts on Field crops especially Groundnut, Redgram, Millets. The seed was sown in the field 04 weeks ago. Unfortunately, we have been experiencing an unusually prolonged dry spell for the past 30 days, with no significant rainfall. This extended period of dry weather is beginning to impact our pulse and Millets crops. The lack of rainfall has affected the germination of some millet seeds, potentially reducing the overall yield, below details shown for different Millets and other crops sowing at Institute farm area is shown below.

Farm section Crop Action plan 2024-2025 (Total 139 acre)



New Arrival during April 2024 to June 2024

Development of Millet Processing Laboratory

To create the Millet Processing Laboratory & machinery display facility for Millets, some new processing machinery was procured. This initiative will benefit the trainees engineers to see the recent developments in the area of Millets processing. It will help to create awareness through displaying & demonstration to the farmers & trainees of various course & also help in developing the infrastructure facility at SRFMTTI.



SN	Name of Machine	Qty	Arrival of month
1	De-stoner cum Aspirator	1	June
2	De-stoner cum Grader cum Aspirator	01	June
3	Manual Grader	01	June

Efforts creating CMVR facility

To create CMVR facility for power tiller testing as per the recommendation of the committee Institute has procured the deficit equipment and now the SRFMTT is all the way ready for having CMVR testing facility. Proposal has already been sent to the ministry for further consideration. Efforts are being made to create the facility considering the long pending demand of the southern region manufacturers.

Sr. No.	Name of Equipments	Qty	Arrival of month
1	Inside Bore gauge	5	June
2	Outside Micrometer	5	June
3	Digital Weightning machine	1	June
4	Internal micrometer	2	June
5	Digital Tachometer	2	June
6	LCD display calipers	4	June
7	LCD display outside micrometer	3	June

Step toward creating Digitalization of the Institute & strengthen the facility

Some digital equipments were procure to create the smart class room facility such as Interactive Panel, All in one PC & Multifunctioning machine etc.. as a step towards creating digitalization of the Institute for the future need and other some machine were procured to strengthen the facility at SRFMTTI

Sr. No.	Name of Machine/Equipments	Qty/ m	Arrival of month
1	Interactive Panel	2	May
2	All in one PC	5	May
3	AC wall mounted	9	May
4	Multifunction machine	3	June
5	Galvanized steel chain link fence	4000	June

News from Personnel



Shri A. Laxmanna, MTS (NT) superannuated from services after completing his successful tenure. A function was organized on 30.04.2024 in respect of this services to this office. He has completed his service about 40 years has been in the institute since its Inception. He has served in the office of various directors and helped the institute/officers and officials a lot as he is in the neighbor village of the Institute. The Officers & Staff wished him for happy retired life ahead. All Officers/ staff of this Institute, Shri. A. Laxmanna, MTS(NT) his family members, relatives, friends attended the function.





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