



ICAR-CTCRI Newsletter



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FORTHCOMING EVENTS

- International Symposium on 'Tropical Root & Tuber Crops for Nutrition, Agri-food systems, Resilience, Entrepreneurship and Sustainability (ISTRTC 4 NARES)', organized by ICAR-Central Tuber Crops Research Institute, Kerala, India in collaboration with Indian Society for Root Crops and International Society for Tropical Root Crops, will be held during 17-21 November 2025 at Hotel O By Tamara, Thiruvananthapuram, Kerala, India.



Dr. G. Byju
Director

निदेशक की कलम से

जुलाई-सितंबर 2025 तिमाही आईसीएआर-केंद्रीय कंद फसल अनुसंधान संस्थान में गतिशील संस्थागत प्रगति, आउटरीच और सहयोग के लिए उल्लेखनीय रही। संस्थान ने अनुसूचित जाति उपयोगना (SCSP), जनजातीय उपयोगना (TSP) और पूर्वोत्तर पर्वतीय (NEH) पहलों के अंतर्गत कई प्रभावशाली कार्यक्रम आयोजित किए, जिनका ध्यान कृषक समुदायों के बीच क्षमता निर्माण, आजीविका संवर्धन और प्रौद्योगिकी प्रसार पर केंद्रित था। इस तिमाही में कई प्रमुख कार्यक्रम हुए, जिनमें केरल के मानवीय राज्यपाल की उपस्थिति में आयोजित 62वें स्थापना दिवस समारोह, सीडग्राम 2025-2030 का शुभारंभ और विभिन्न राज्यों के किसानों, उद्यमियों और अधिकारियों के लिए व्यापक प्रशिक्षण कार्यक्रम शामिल हैं। वेदांता रिसोर्सेज लिमिटेड, एससीटीआईएमएसटी और एसओवीए ट्रस्ट फाउंडेशन के साथ समझौता ज्ञापनों के माध्यम से नए अनुसंधान सहयोग स्थापित किए गए, जिससे अनुवादात्मक अनुसंधान और प्रौद्योगिकी प्रसार का दायरा व्यापक हो गया। संस्थान ने तीन नई तकनीकों के लिए आईसीएआर प्रमाणन भी प्राप्त किया, जिससे इसके नवाचार पोर्टफोलियो में और वृद्धि हुई। क्षमता निर्माण पहल, अनुभव भ्रमण और स्वच्छता ही सेवा 2025 गतिविधियों ने समावेशी विकास, स्थिरता और सामुदायिक सहभागिता पर सीटीसीआरआई के फोकस को और पुष्ट किया। नवंबर 2025 में होने वाली आगामी अंतर्राष्ट्रीय उष्णकटिबंधीय जड़ और कंद फसलों पर संगोष्ठी (ISTRTC 4 NARES) की तैयारियाँ भी उत्साहपूर्वक आगे बढ़ीं। यह समाचार पत्र तिमाही के दौरान संस्थान की प्रमुख गतिविधियों और उपलब्धियों पर प्रकाश डालता है और उष्णकटिबंधीय कंद फसलों में अनुसंधान, नवाचार और आउटरीच को बढ़ावा देने में संस्थान के वैज्ञानिकों, कर्मचारियों और भागीदारों के संयुक्त प्रयासों की सराहना करता है।

From the Director

The July-September 2025 quarter was marked by dynamic institutional progress, outreach and collaborations at ICAR-Central Tuber Crops Research Institute. The Institute organized several impactful programmes under the Scheduled Caste Sub Plan (SCSP), Tribal Sub Plan (TSP) and North Eastern Hill (NEH) initiatives, focusing on capacity building, livelihood enhancement and technology dissemination among farming communities. The quarter witnessed several major events, including the 62nd Foundation Day celebrations graced by the Hon'ble Governor of Kerala, the launch of SeedGram 2025-2030, and extensive training programmes for farmers, entrepreneurs and officials across different states. New research collaborations were forged through MoUs with Vedanta Resources Limited, SCTIMST and SOVA Trust Foundation, broadening the scope of translational research and technology dissemination. The Institute also achieved ICAR certification for three new technologies, further adding to its innovation portfolio. Capacity building initiatives, exposure visits and Swachhta Hi Seva 2025 activities reinforced CTCRI's focus on inclusive development, sustainability and community engagement. Preparations for the forthcoming *International Symposium on Tropical Root and Tuber Crops (ISTRTC 4 NARES)*, scheduled in November 2025, also progressed with enthusiasm. This newsletter highlights the Institute's major activities and achievements during the quarter and appreciates the joint efforts of its scientists, staff and partners in promoting research, innovation and outreach in tropical tuber crops.

G. Byju

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ICAR-Central Tuber Crops Research Institute
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Extension

FLDs/OFTs

- On farm trials on biofortified sweet potato were conducted at Kollengode, Palakkad, Kerala.
- ICAR-CTCRI, Thiruvananthapuram distributed planting materials for establishing seed villages demonstration plots for quality planting material production of cassava and sweet potato at Pachamalai hills, Thuraiyur taluk, Trichy, Tamil Nadu under the Tribal Sub Plan, in collaboration with KVK, Trichy and Department of Horticulture, Government of Tamil Nadu on 29 July 2025.



Planting material distribution at Pachamalai hills

Training Programmes

On campus programmes

- A training programme on 'Empowering agro start-ups' was organized by Regional Station, ICAR-CTCRI, Bhubaneswar on 30 July 2025 for 30 beneficiaries.



Participants of training programme

- An internship training on 'Food processing and food safety standards' was organized for 24 B.Sc. (Hons.) Agriculture students from the Department of Post-harvest Technology, College of Agriculture, Vellayani, Thiruvananthapuram, Kerala during 11-14 August 2025.

- The Division of Crop Protection organised a five-day training programme on 'Advances in Integrated Pest and Disease Management (AIPDM)' during 18-22 August 2025. Eleven participants including assistant professors, technical staff and students attended. The programme combined lectures, laboratory practicum's and field demonstrations, with hands-on sessions covering: identification of pests and diseases, integrated management using chemical and biological approaches, soil health, molecular diagnostics, identification and management of plant-parasitic nematodes (PPN), modalities for BOLD (Barcode of Life Data System) submissions, application of CTCRI-developed cassava-based biopesticides, field evaluation of biopesticide efficacy in tuber crops and protocols for quality planting material production.



Participants of training along with Director and resource persons

- ICAR-CTCRI organised a three days training on 'Improved production and value addition technologies in tropical tuber crops' to tribal farmers from Nagaland under the Tribal Sub Plan during 25-27 August 2025.



Participants of the training with Director and resource persons

- Under the Bharat Darshan Programme for Officers of Nagaland Civil Service, fifteen civil servants (on probationary training) from Nagaland visited ICAR-CTCRI on 11 September 2025 and acquainted with R&D of tropical tuber crops. The programme was jointly organized by ICAR-CTCRI and Institute for Management in Government, Thiruvananthapuram, as part of their training programme for the civil servants.
- Training on Improved varieties and technologies of tuber crops was organized on 15 September 2025 for 20 officials of SPAC Starch Products (India) Private Limited, Anthiyur, Erode, Tamil Nadu.

Off campus programmes

- Farmers' trainings on drought management was conducted at Ramanaickanpalayam, Attur block and Thumbal, Peddannaickanpalayam block, Salem district during 17-18 July 2025 and midseason agro-advisory for cassava was given.



Farmer's training on drought management in cassava

- ICAR-CTCRI, Thiruvananthapuram organized a farmers' training programme on 'Improved production and value addition technologies in tuber crops' at Kanubari block, Longding district, Arunachal Pradesh under NEH programme on 11 September 2025 for the benefit of 103 farmers.
- Under NEH programme of ICAR-CTCRI, a farmers training on 'Improved production and value addition technologies in tuber crops' was organised on 15 September 2025 at Wokha town, Nagaland for the benefit of 110 farmers. The training was inaugurated by Shri. Vineet Kumar IAS, Collector, Wokha District, Nagaland.



Participants of training programme

- ICAR-CTCRI, Thiruvananthapuram organized a training programme on 'Improved technologies of tuber crops for enhancing farm income' under the Tribal Sub Plan on 24 September 2025 at Kappala, Gudalur, Nilgiris district, Tamil Nadu. The programme was conducted in collaboration with the Horticultural Research Station (HRS), Ooty, Tamil Nadu Agricultural University (TNAU) and the Department of Horticulture, Government of Tamil Nadu. The training sessions focused on crop production and plant protection aspects of sweet potato and cassava. As part of the programme, planting materials of improved biofortified sweet potato varieties, Bhu Sona and Bhu Krishna, along with the promising biofortified genotype SP-95/4, were distributed to farmers. Training materials were also provided to support the establishment of demonstration plots and seed villages under the TSP initiative. A total of 90 participants, including TSP farmers, entrepreneurs and officials attended the programme.



Glimpses of training programme under TSP at Kappala, Nilgiris district, Tamil Nadu

The following off-campus trainings were conducted by RS, Bhubaneswar:

SL.No.	Title of programme	Date(s)	Panchayat, District, State	No. of beneficiaries
1	Production and value addition in tuber crops under MIDH	28.07.2025	T. Dengasargi village, Dumuriguda G.P., Kolnara Block, Rayagada district	50
2	Production and value addition in tuber crops under MIDH	29.07.2025	Karnaguda village, Chatikona G.P., Bissamcuttack block of Rayagada district	50
3	Production and value addition in tuber crops under MIDH	04.08.2025	Dardara village, Keutunmari G.P., Kuliana block, Mayurbhanj district	50
4	Production and value addition in tuber crops under MIDH	06.08.2025	Tangiabasa village, Badagaon G.P., Bissamcuttack block of Mayurbhanj district	50
5	Crop Diversification with tuber crops under TSP	22.08.2025	Rumunda village, located in R. Udayagiri block, Gajapati district, Odisha	50
6	Crop Diversification with tuber crops under TSP	23.08.2025	Lambabadi village Khajuripada block, Kandhamal district, Odisha	50
7	Crop Diversification with tuber crops under TSP	24.08.2025	Banpukhuria village, Binpur-I block, Jhargram district, West Bengal.	50
8	Crop Diversification with tuber crops under AICRPTC-SCSP	18.09.2025	Karanjia village, Tangi block, Cuttack district, Odisha	

Seminars / Workshops / Interface Meetings / Field Visits Organized

- SeedGram, the Seed Village and Decentralised Seed Multiplier project 2025-30 of ICAR-CTCRI was launched in Kerala state by Sri. C.K. Hareendran MLA

at Parassala, Thiruvananthapuram on 04 July 2025. Sri. K. Ansalan MLA inaugurated the distribution of improved varieties of tuber crops. Sri. S.K. Bendarwin, President, Parassala block panchayat presided. Smt. Manju Smitha, President,

Parassala grama panchayat felicitated. Director Dr. G. Byju delivered the lead talk. The meeting was attended by more than 300 farmers.



State level launching of SeedGram 2025-30 at Thiruvananthapuram

- Field diagnostic visits were conducted on 10 July 2025 and 11 September 2025 in elephant foot yam fields at Aerom, Anchal Grama Panchayat, Kollam district, Kerala, to identify the causal agents of leaf yellowing and rots. A similar investigative visit was undertaken in Punalur, Kollam, to diagnose disease problems in arrowroot. Thirty-five farmers received training on diagnosis and management of tuber-crop diseases at the VFPCCK unit, Aerom, Kollam.
- On 14 July 2025, a team of scientists and technical staff along with the Agriculture Officer, Krishi Bhavan, Chenkal visited the cassava stem and root rot affected cassava fields in Chenkal village, Thiruvananthapuram district. The team provided management recommendations and collected infected plant and soil samples for further examination.
- Quality planting materials of cassava (Sree Reksha) were distributed to farmers at Kakkottukunnu, Pacha villages, Pangode panchayat, Nedumangadu taluk, Thiruvananthapuram under TSP on 16 July 2025.



Distribution of quality planting materials of cassava

- Dr. V. Ramesh visited and gave drought advisory in cassava at Thalaivasal block in Tamil Nadu on 17 July 2025.
- ICAR-CTCRI in association with Department of Agriculture, LSGD and Susthira Thrithala Project, Kerala launched the SeedGram 2025-30, 'Seed villages and Decentralised Seed Multipliers' under the SCSP project at Block Panchayath Hall, Thrithala, Palakkad on 19 July 2025. Shri. M.B. Rajesh, Hon'ble Minister for LSGD, Excise and Parliamentary Affairs, Government of Kerala attended as the Chief guest.

Seminar on 'Coconut and tuber crops based agrifood systems for resilience and sustainable income'

A state level seminar on 'Coconut and tuber crops based agrifood systems for resilience and sustainable income' sponsored by Coconut Development Board, Kochi, Kerala, was organized on 22 August 2025 at Krishi Vigyan Kendra, Kamrup, Assam by ICAR-CTCRI, Thiruvananthapuram in collaboration with ICAR-CPCRI, Research Centre, Kahikuchi, Assam; Krishi Vigyan Kendra-Kamrup, Assam Agricultural University, Kahikuchi campus, Assam and ICAR-Agricultural Technology Application Research Institute, Zone VI, Guwahati, Assam. Dr. Manoranjan Neog, Director of Extension Education, Assam Agricultural University, Jorhat, Assam, was the Chief Guest and delivered inaugural address. Ten innovative coconut farmers were

felicitated for their innovations in cropping system approaches in coconut gardens for horticultural development in the country. Dr. G. Byju, Director, ICAR-CTCRI delivered presidential address. Director emphasized the importance of adopting cropping and farming systems in coconut gardens of Assam for enhancing productivity, nutritional security, profitability and sustainability of the systems. Dr. G. Kadirvel, Director ICAR-ATARI ZONE-VI, Kahikuchi, Guwahati, Assam was the Guest of Honour and delivered special address. Technical sessions and stakeholders' interface were organized for bringing out recommendations and action plan for promoting coconut and tuber crops based agrifood systems in Assam. Exhibition stalls from ICAR-CTCRI and KVK, Kamrup showcased the varieties, technologies, products and publications for the benefit of farmers and other stakeholders. About 200 farmers and other stakeholders attended the seminar.



Inauguration of the seminar

- A stakeholders meeting cum farmers training programme was organized under SCSP at Shenbagaramanputhooor, Thovalai, Tamil Nadu on 28 August 2025. About 35 farmers participated. Program coordinator, ICAR-KVK, Thirupathisaram and Dr. S. Suresh Kumar handled sessions during the occasion. Dr. V. Ramesh, Co-PI, spoke on the objectives of the program, SCSP experiences and tuber crop production technologies, opportunities through SCSP programme for livelihood improvement and soil fertility management strategies including fertilizer

governance. Dr. K. Sunilkumar PI, SCSP, given the presidential address, emphasised the need for timely availability of quality planting materials of latest varieties, importance and strategies of seed multiplication, especially seed village, DSM concepts.



Stakeholders meeting cum farmers training programme

- The district-level inauguration of Seed Gram 2025-2030 and distribution of planting materials, farm tools and equipment for scheduled caste farmers was conducted under ICAR-AICRP on Tuber Crops at Cherthala, Alappuzha, Kerala on 29 August 2025. The programme was inaugurated by Shri P. Prasad, Hon'ble Minister for Agriculture and Farmers Welfare, Government of Kerala. The function was presided over by Smt. Shirley Bhargavan, Chairperson of the Municipality. Dr. G. Byju, Director, ICAR-CTCRI delivered the keynote address, highlighting the significance of tuber crops and the SeedGram initiative in ensuring food and livelihood security for marginalized farming communities. Technical sessions were also conducted on sustainable tuber crop production and protection technologies. About 140 farmers attended, including 38 beneficiaries of SCSP programme. An exhibition on tuber crops was also organized at the venue, showcasing innovations and improved varieties developed under the ICAR-AICRP programme.



District-level inauguration of SeedGram 2025-2030 at Cherthala, Alappuzha

- ICAR-CTCRI scientists visited the sweet potato farm at Kollengode, Palakkad to monitor the harvest of the on-farm trials on biofortified sweet potato and farmers'
- Meeting at Muthalamada Panchayat on 26 September 2025. Planting materials of sweet potato were distributed for trial to ADA, State Orange and Vegetable Farm, Nelliampathy. Interacted with Chinese Potato farmers and giving agro advisory on its cultivation especially on season based planting for realizing better yield.
- ICAR-CTCRI scientists organized a Field day on 26 September 2025 under TSP and visited the sweet potato fields of last year beneficiaries. Collected field data and documents for enrolling the good farmers as biofortified sweet potato decentralized seed multiplier (DSM) farmers from three major GPs at Attappadi, viz., Agali, Sholayur and Pudur.
- Punarjeevanam 2.0, a joint initiative of ICAR-CTCRI and Kerala State Kudumbashree Mission was inaugurated at the state-level function held at Panniyamattom, Thodupuzha, Idukki, Kerala on 27 September 2025. Shri Rarichan N., President, Idukki District Panchayat, formally inaugurated the

programme. Shri H. Dineshan IAS, Executive Director, Kerala State Kudumbashree Mission; Dr. Arunachalam, Director, KSCSTE-JNTBGRI; people's representatives; officials and about 300 members participated in the event. Dr. G. Byju, Director, ICAR-CTCRI, released the Punarjeevanam 2.0 logo and delivered the keynote address. Technical sessions were conducted by CTCRI scientists.

- A team of scientists made a farm advisory visit at Arunachal Pradesh and also had a meeting with Head, KVK on collaborative work under NEH programme on 13 September 2025.

Exhibitions

ICAR-CTCRI participated in the following exhibitions:

- Exhibition in connection with state level inauguration of Seed Village and DSM Programme envisaged for 2025-2030 under SCSP Project on 04 July 2025 at EMS Hall, Parassala, Thiruvananthapuram.
- Exhibition organised during the launching of SeedGram 2025-30 in association with Department of Agriculture, LSGD and Susthira Thrithala project, under Institute SCSP at Thrithala, Palakkad, Kerala on 19 July 2025.
- Exhibition in connection with Seed village programme under SCSP of AICRP on Tuber Crops on 29 August 2025 at SSS Shadabdi Auditorium, Cherthala, Alappuzha, Kerala.



Exhibition stall at seed village programme Cherthala

Exposure visits to ICAR-CTCRI

- One day exposure visit cum training on 'Improved technologies of tuber crops' was organized for the benefit of 121 farmers, 708 students and 81 officials during this period at ICAR-CTCRI, Sreekariyam, Thiruvananthapuram.

Swachh Bharat Abhiyan

As part of the Swachhta Hi Seva 2025 celebrations held from 17 September to 02 October 2025, the Institute organized a series of cleaning drives and awareness activities. A cleaning drive was conducted at the Ayurveda Dispensary, Cheruvakkal, Thiruvananthapuram on 18 September 2025 and another at Vettucadu Church, Thiruvananthapuram on 24 September 2025. An awareness class on Swachhta was delivered to the students of Cheruvakkal UPS on 19 September 2025, followed by a quiz competition. The students also undertook the Swachhta Hi Seva pledge. A human chain was organized on 22 September 2025 at ICAR-CTCRI to promote cleanliness awareness. In addition, a 'Waste to Art' competition was conducted on 23 September 2025 to encourage creative reuse of waste materials. Swachhta Hi Seva 2025 was celebrated at Regional Station, Bhubaneswar with various activities.



Glimpses of Swachhta Hi Seva 2025 activities at ICAR-CTCRI

Activities of Agribusiness Incubator

Inauguration of 4th Satellite Incubation Centre (SIC) of CTCRI's ABI and Stakeholder Workshop at RARS, KAU, Pattambi

The 4th Satellite Incubation Centre (SIC) of CTCRI's ABI was inaugurated at the Regional Agricultural Research Station (RARS), Kerala Agricultural University (KAU), Pattambi, Palakkad, Kerala on 12 September 2025. The programme was presided over by Dr. Bino P. Bonny, Director of Extension, KAU. Dr. A.V. Santhoshkumar, Professor, College of Forestry, KAU; Dr. P. Raji, Associate Director of Research, RARS, Pattambi; Dr. V. Thulasi, Executive Committee Member, KAU; Dr. B. Shanmugasundaram, Professor, RARS, Pattambi; and Dr. P. Sethuraman Sivakumar graced the occasion. Director inaugurated a Stakeholder Workshop on 'Strategies for Safeguarding and Leveraging Tribal

Farmers' Genetic Resources, Traditional Knowledge, and Innovations in Kerala'. The programme witnessed the participation of about 100 stakeholders, including scientists, state extension officers, academics, FPO representatives, SHG members, and tribal farmers.



Inauguration of ABI satellite incubation centre at RARS, KAU, Pattambi, Palakkad

ICAR-CTCRI and PepsiCo collaborate for tuber crop value chain development

ICAR- CTCRI hosted an interface meeting with PepsiCo officials to discuss 'Tuber Crop Value Chain Development for Snack Food Innovation'. The participants included Ms. Neelu Singh, Associate Director, Agro Supply Chain, PepsiCo India Holdings Pvt. Ltd. and Mr. Ravindra Bisht, PepsiCo R&D Operational Excellence Lead-AMESA (Africa Middle East & South Asia), Lead-India R&D western category (Foods). Dr. G. Byju, Director, ICAR-CTCRI, presented the technologies developed by ICAR-CTCRI for cassava and sweet potato chips industries. PepsiCo representatives provided insights into root crops suitable for the processing industry, available processing facilities, and techniques relevant to the snack segment. PepsiCo officials visited the sweet potato and cassava fields, Section of Crop Utilization and Techno-

Incubation Centre at ICAR-CTCRI. The programme concluded with an interactive session to identify gaps, opportunities and explore potential joint projects or trials.



Interactive meeting of ICAR-CTCRI with PepsiCo officials

Technology Commercialization/Linkages/ Collaborations

Technology commercialization

- The technology of 'Fried snack foods from cassava' was licenced to two firms in Kerala, viz., M/s Banaza Enterprises, Malappuram, Kerala and M/s Muruka Food Kottayam, Kerala on 29 September 2025.
- The e-Crop: contract manufacturing licence was given to M/s Semilon Technologies Pvt. Ltd., Thiruvananthapuram, Kerala on 29 September 2025.

Linkages/Collaborations

- ICAR-CTCRI signed MoU with Vedanta Resources Limited, Odisha and with Sree Chitra Tirunal Institute for Medical Sciences and Technology, Thiruvananthapuram on 11 July 2025.



Signing of MoU with Vedanta Resources Limited, Odisha and SCTIMST, Thiruvananthapuram

- ICAR-CTCRI signed a MoU with Sova Trust Foundation, an NGO based in the Sunderbans, West Bengal on 01 September 2025. The MoU was exchanged between Dr. G. Byju, Director, ICAR-CTCRI, and Dr. Remalakshmi Datta, Chairman, SOVA Trust Foundation. The collaboration aims to undertake joint research and development programs and to scale up CTCRI's technologies for wider and faster dissemination among the rural communities of the Sunderbans.



Signing of MoU with Sova Trust Foundation

ICAR Technology Certification

Three following three technologies were certified by ICAR:

- Package of practices for organic production of arrowroot. Lead Developer: Dr. G. Suja; Associate Developers: Dr. S. Sunitha and Dr. V. Ramesh.
- Package of practices for organic production of taro. Lead Developer: Dr. G. Suja Associate Developers: Dr. G. Byju, Dr. A.N. Jyothi, Dr. S.S. Veena and Dr. J. Sreekumar.
- Portable cassava sett cutter. Lead Developer: Dr. T. Krsishnakumar; Associate Developers: Dr. M.S. Sajeev and Dr. C. Pradeepika



ICAR Technology certificates

Capacity Building

Trainings attended by staff

Sl.No.	Name	Particulars of the training	Period
1	Dr. N. Krishna Radhika	Short Term Overseas training program in Genome editing at IITA, Kenya	20 May 2025 to 15 August 2025
2	Dr. S.S. Veena	Orientation module on Mission LiFE, Ministry of Environment, Forest and Climate Change (Karmayogi Bharath)	19 August 2025
3	Dr. S.S. Veena	Drought - Disaster Response by National Disaster Response Force (NDRF) (Karmayogi Bharath)	19 August 2025
4	Dr. S.S. Veena	Code of Conduct for Government Employees by Institute of Secretariat Training and Management (Karmayogi Bharath)	19 August 2025

Staff participation in scientific events/seminars/symposia/conference/workshop/meetings

Sl.No.	Name	Particulars of the training	Period
1	All Scientists	ICAR- CTCRI Foundation day	11 July 2025
2	All staff	Understanding the POSH Act 2013: Prevention, Prohibition and Redressal of Sexual Harassment at Workplace, ICAR- CTCRI, Thiruvananthapuram	14 July 2025
3	Dr. H. Kesava Kumar	Online Symposium on 'Nematodes on the move: Building resilience and sustainability through international collaboration and better policies' organized by the Society of Nematologists	15-16 July 2025
4	Dr. G. Byju Dr. G. Suja Dr. T. Makeshkumar Dr. M.R. Sahoo Dr. M. Nedunchezhiyan Dr. M.S. Sajeev Dr. C. Mohan Dr. P.S. Sivakumar Dr. Saravanan Raju Dr. E.R. Harish Dr. C. Visalakshi Chandra Dr. J. Suresh Kumar Dr. T. Krishnakumar Dr. P. Prakash Dr. C. Pradeepika	ICAR-CTCRI-PepsiCo interface on Tuber crops value chain development for snack food innovation at ICAR-CTCRI.	18 July 2025
4	Dr. G. Byju Dr. T. Makeshkumar Dr. J. Sreekumar Dr. M. L. Jeeva Dr. K.M. Senthilkumar Dr. N. Krishna Radhika Dr. Sujatha T. P.	Institutional Biosafety Committee Meeting	21 July 2025
5	Dr. T. Makeshkumar	Genome editing project review meeting at ICAR- IIHR, Bangaluru	23 July 2025
6	Dr. G. Byju Dr. P.S. Sivakumar Dr. D. Jaganathan	Meeting with Director, ICAR-ATARI, Zone XI, Bangaluru in connection with Viksit Bharat @ 2047 and Viksit Krishi Sankalp Abhiyan (VKSA), ICAR-CTCRI, Thiruvananthapuram	26 July 2025
7	Dr. A. Asha Devi	First half yearly meeting of TOLIC (Office-I), Thiruvananthapuram for the year 2025-26 at the PMG Office, Thiruvananthapuram	30 July 2025
8	All staff members	Live Web Telecast of PM Kisan Samman Nidhi & Scientist-Farmer Interface on 'Improved technologies of tuber crops', ICAR-CTCRI, Thiruvananthapuram	02 August 2025
9	Dr. T. Makeshkumar	Meeting with DDG (Hort.) for Vision 2050 presentation	04 August 2025
10	Dr. T. Makeshkumar	Online UGC scholarship Nodal officers meeting	06 August 2025
11	Dr. G. Byju Dr. G. Suja Dr. D. Jaganathan	State level seminar on 'Coconut and tuber crops based agrifood systems for resilience and sustainable income' sponsored by Coconut Development Board, Kochi, Kerala at Krishi Vigyan Kendra, Kamrup, Assam	22 August 2025
12	Dr. K. Laxminarayana	Meeting convened at Directorate of Horticulture, Krushi Bhavan, Bhubaneswar on for preparation of detail cost norms of the vegetables, fruits, spices, aromatics and nurseries, etc. under MIDH (NHM) for the year 2025-26	22 August 2025

Particulars of the training

13	Dr. A. Asha Devi	Meeting of the Board of Studies in Botany (UG) at University College, Thiruvananthapuram	22 August 2025
14	Dr. D. Jaganathan Dr. P. Prakash	Regional Workshop on 'Climate Resilience in Agriculture' under KERA Project at Forte Manor Hotel Thiruvananthapuram	25 August 2025
15	Dr. T. Makeshkumar	Institute Biosafety committee meeting at ICAR-NRC on Banana, Trichy	28 August 2025
16	Dr. Sheela Immanuel Dr. D. Jaganathan	State level workshop on 'Viksit Krishi Sankalp Abhiyan- Rabi 2025' (Online)	03 September 2025
17	Dr. K. Laxminarayana	Screening committee for scrutinization of new proposals under the State Plan Scheme 'Innovative Projects' on at Krushi Bhavan, Bhubaneswar, organized by the Directorate of Horticulture, Govt. of Odisha	09 September 2025
18	Dr. G. Byju Dr. G. Suja Dr. A.N. Jyothi Dr. S. Sivakumar	Symposium organized by Sree Chitra Tirunal Institute for Medical Sciences & Technology (SCTIMST) on 'Scientific Insight: Pioneering Perspectives' for signing of a MoU between 8 leading national institutes at Thiruvananthapuram	10 September 2025
19	Dr. K.I. Asha	Online discussion on 'Management of Horticultural Genetic Resources' under CRP on Agro-Biodiversity for the Phase 2026-31 organized at ICAR-IIHR, Bengaluru with a focus on characterizing and evaluating the germplasm conserved at ICAR-CTCRI	11 September 2025
20	Dr. V.S. Santhosh Mithra	Workshop on 'Smart Krishi: Digital Yugathile Karshaka Munnattathinu', held at Panavoor, Thiruvananthapuram	12 September 2025
20	Dr. K. Sunilkumar	KSCSTE Workshop on 'Sustainable Science and Technology solutions for Tribal Development at Aralam' at Aralam wildlife sanctuary, Valayanchal, Kannur. Chaired group meeting on Livelihood through Agriculture Interventions.	12 September 2025
21	Dr. H. Kesava Kumar	Online Webinar on 'Nematode genomics and effectoromics- From sex determination to host manipulation' organized by the Young Nematologists Network	18 September 2025
22	Dr. G. Byju Dr. T. Makeshkumar Dr. Shirly Raichal Anil Dr. G. Suja Dr. M.R. Sahoo Dr. A.N. Jyothi Dr. J. Sreekumar Dr. M. L. Jeeva Dr. M.S. Sajeev Dr. E.R. Harish Dr. H. Kesava Kumar Dr. B.G. Sangeetha Dr. C. Pradeepika Dr. K.M. Senthilkumar Dr. P. Prakash	ICAR-CTCRI and CIP Scientists Interaction meeting, ICAR-CTCRI, Thiruvananthapuram	19 September 2025
23	Dr. T. Makeshkumar	Kerala Biotechnology Council meeting	26 September 2025
24	Dr. G. Suja	First AGM of All India Network Programme on Natural Farming at Agriculture University, Kota, Rajasthan	26-28 September 2025
25	Dr. Shirly Raichal Anil	Online interaction meeting between ICAR-CTCRI officials and Government officials of Haryana	30 September 2025

Publications

Research Papers

1. Arutselvan, R., Sumit Kumar, Akash, A.U., Greeshma, K., Sushmita, Suman Sinha, Amjada, Khan, S., Kalidas Pati, Chauhan, V.B.S., Hanume Gowda, K., Sulekha Pradhan, Jeeva, M.L., Veena, S.S., Makeshkumar, T., Mukesh Meena, Sangeetha, B.G., Laxminarayana, K., Nedunchezhiyan, M. 2025. Deciphering the complex signaling networks in Phytophthora infected plants: Insights into microbiome interactions and plant defense mechanisms. *Plant Physiology and Biochemistry*. 228, 110222. (NAAS Score: 12.10).
2. Harish, E.R., Chellappan, M., Makeshkumar T., Mathew, D. and Varghese, E. 2024. Behavioural and physiological responses of whitefly, *Bemisia tabaci* to virus infection in cassava (*Manihot esculenta* Crantz). *Entomologia Experimentalis et Applicata*, 173: 1034-1047. DOI: 10.1111/eea.13610. (NAAS rating: 7.9)
3. Hasmi Sulain, K.K., Saravanan, R., Makasana, J., Krishnakumar T. and Safia, S. 2025. Comparative Study of Extraction Methods and Screening of Cassava Genotypes for High Stem Starch Yield: A Potential Industrial Source. *Starch-Stärke* 77(3), e202400158. (NAAS score: 8.60)
4. Krishna, Y. N., Parveen, S., Krishnakumar, T., Anand, M. and Gurusamy, K. 2025. Tailoring cassava starch properties: A study on Heat-Moisture Treatment (HMT) and Annealing (ANN) for enhanced functional applications. *Plant Science Today*, 12, 8250. NAAS score: 6.70.
5. Murthy, J.S.V., Chellappan, M., Ranjith M.T., Revi, S. Harish E.R. and Kiran A.G. 2025. Survey and abundance of mealybug species (Hemiptera: Pseudococcidae) infesting cassava in Kerala. *Journal of Tropical Agriculture*. 63(I& II): 16-20. (NAAS rating: 5.4)
6. Pati, K., Giri, A. K., Gowda, H., Arutselvan, R., Nedunchezhiyan, M. and Laxminarayana, K. 2025. Description of phenological growth stages of elephant foot yam (*Amorphophallus paeoniifolius* [Dennst.] Nicolson) using the BBCH-scale. *Annals of Applied Biology*, 1-7. NAAS score: 7.8.
7. Sunitha, S., Suresh Kumar, J., Ramesh, V. and Suja, G. 2025. Water smart technologies for enhancing productivity, profitability and energy use efficiency of taro (*Colocasia esculenta*). *Indian Journal of*

Agricultural Sciences, 95(7): 840-845 (NAAS 6.30)

Books

1. Jeeva, M.L., Veena, S.S., Harish, E.R., Makeshkumar, T. 2025. Advances in integrated pest and disease management held during 18-22 August 2025, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala. 60p.

Book Chapters

1. Harish, E.R., Sangeetha, B.G. and Kumar, H.K. 2025. Emerging pests and management strategies. In: Kumar, R., Kumar Lal, M., Kumar Tiwari, R., & Singh, B. (Eds.), *Sustainable production of root and tuber crops* (1st ed.). Taylor & Francis. Routledge, pp.259-267. Doi: 10.4324/9781003487159-23.
2. Kumar, H.K. 2025. Integrated management of plant parasitic nematodes. In: *Training Manual on Advances in integrated pest and disease management*. Jeeva, M.L., Veena, S.S., Harish, E.R. and Makeshkumar, T. (Eds.) 23-27 June 2025, ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala, pp. 17-23.
3. Kumar, H.K., Sangeetha, B.G. and Harish, E.R. 2025. The role of entomopathogenic nematodes in insect pest management. In: *Training Manual on Advances in integrated pest and disease management*. Jeeva, M.L., Veena, S.S., Harish, E.R. and Makeshkumar, T. (Eds.) 23-27 June 2025, ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala, pp. 24-27.
4. Sangeetha, B.G., Harish, E.R. and Kumar, H.K. 2025. DNA isolation and barcoding of insect pests (PCR) and nematodes. In: *Training Manual on Advances in integrated pest and disease management*. Jeeva, M.L., Veena, S.S., Harish, E.R. and Makeshkumar, T. (Eds.) 23-27 June 2025, ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala, pp. 58-60.

Technical Bulletin

1. Asha, K. I and Asha Devi, A. Catalogue of Cassava Genetic Resources (Part-2). 2025. Technical Bulletin No. TB-110/2025. ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala, 26 p.
2. Jaganathan, D., Muthuraj, R., Sheela Immanuel, Sajeev, M.S., Susan John, K., Sunitha, S., Koundinya, A.V.V., Ramesh, V., Prakash, P., Krishnakumar, T., Sunilkumar, K., Harish, E.R., Senthilkumar, K.M., Sangeetha, B.G. and Pradeepika, C. 2025. Reaching the Unreached for Inclusive Growth and Sustainable

Development: SCSP Programme of ICAR-CTCRI (2020-2022), Technical bulletin No. TB-113/ 2025, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala, India, 45p.

3. Prakash, P., Jaganathan, D., Sheela Immanuel and Byju, G. 2025. Impact assessment of improved varieties and technologies of ICAR-CTCRI, Technical Bulletin No. TB-111/2025, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala, India, 40 p.
4. Sheela Immanuel, Prakash, P., Susan John, K., Jeeva, M.L., Sajeev, M.S., Veena, S.S., Asha, K.I., Asha Devi, A., Mohan, C., Santhosh Mithra, V.S., Shirly Raichal Anil, Ramesh, V., Sethuraman Sivakumar, P. Muthuraj, R., Saravanan Raju, Sunilkumar, K., Jeena Mathew, Harish, E.R., Kesava Kumar, H., Suresh Kumar, J., Sangeetha, B.G., Krishnakumar, T., Pradeepika, C. and Rahana, S.N. Driving agricultural change: Innovations and 2025 outcomes under Viksit Krishi Sankalp Abhiyan in Kerala, Technical bulletin No. TB -112/2025, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala, India, 83p.

Policy Brief

1. Muthuraj, R., Jaganathan, D., Prakash, P. and Byju G. 2025. Quality planting material production in cassava: Current status, challenges and way forward. Policy Brief No. PB-05/2025, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala, India, 12p.

Popular Articles

1. Jeena Mathew and Sunilkumar, K. 2025. Soil and crop health management for sustainable yam cultivation. Kerala Karshakan e- journal 13(3): 46-51.
2. Krishnakumar, T., Sajeev, M.S., Pradeepika, C., Mohan, C. and Jaganathan, D. 2025. Principles and operations of portable cassava sett cutter (Tamil). Krishi Jagran, 9(8), 6-10.
3. Sheela Immanuel, Jaganathan, D., Prakash, P and Sajeev, M.S. 2025. Empowering women through value addition in agriculture, Agro India July 2025, pp 35-37.
4. Suja, G., Sooraj, C.S. and Satheesan, B. 2025. Chembu krishi ariyendathellam (Malayalam). Kerala Karshakan, September 2025. pp. 48-49.

5. Visalakshi Chandra C, Pradeepika C, Hanume Gowda K, Senthilkumar K.M., Shameer P.S., Amalnath S, Pooja Krishnan and Senthil@Sankar. 2025. Speed Breeding for crop improvement, Agritech, 2(3): 4-5.
6. Suja, G., Sooraj, C.S. and Veena, S.S. 2025. Elephant foot yam for inter cropping and organic farming (Idavilakkum jaivakrishiyykkum chena- Malayalam), Kerala Karshakan, 27-29.

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1. Asha, K. I., Sheela, M. N., Asha Devi, A. and Aswin, S. Kumar. Sree Dhrona - A high yielding semi-dwarf White Yam variety. 2025. Technical Folder No. TF-16/2025. ICAR-Central Tuber Crops Research Institute, Thiruvananthapuram, Kerala.
2. Nedunchezhiyan, M., Pradnya Gudadhe, Pati, K., Gowda, K.H., Arutselvan, R. and Byju, G. 2025. Aerial yam (*Dioscorea bulbifera*): A potential tuber crop for regular income, food and nutrition security. Technical Folder: TF-19/2025/TSP.

e-Publication

1. Jeeva, M.L., Veena, S., Makeshkumar, T., Karthikeyan, S., Arutselvan, R. and Cyriac, T. 2025. PV982217. *Fusarium falciforme* isolate CTCRI 03 FP internal transcribed spacer1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence. GenBank: PV982217.1, URL. <https://www.ncbi.nlm.nih.gov/nuccore/PV982217.1>, 29 July 2025.
2. Jeeva, M.L., Veena, S.S., Arutselvan, R., Makeshkumar, T., Karthikeyan, S. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 01 RNA polymerase II second largest subunit (RPB2) gene, partial cds. GenBank: PV974550.1, URL. <https://www.ncbi.nlm.nih.gov/nuccore/PV974550.1>, 29 July 2025.
3. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S., Cyriac, T. and Arutselvan, R. 2025. *Fusarium falciforme* isolate CTCRI 04 FP sequence. GenBank: PV989636.1, URL. <https://www.ncbi.nlm.nih.gov/nuccore/PV989636>, 05 August 2025.
4. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S. 2025. Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 02 FP RNA polymerase II second largest subunit (RPB2) gene,

- partial cds GenBank: PX026299.1
<https://www.ncbi.nlm.nih.gov/nucleotide/PX026299.1>,
 9 Aug 2025.
5. Jeeva, M.L., Veena, S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 07 FP3/4 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence, GenBank: PX096177.1, <https://www.ncbi.nlm.nih.gov/nucleotide/PX096177.1> 12 August 2025.
 6. Jeeva, M.L., Veena, S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 05 A10.1 internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence, GenBank: PX096176.1, <https://www.ncbi.nlm.nih.gov/nucleotide/PX096176.1>, 12 August 2025.
 7. Jeeva, M.L., Veena, S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 13 FTH internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence, GenBank: PX096453.1, <https://www.ncbi.nlm.nih.gov/nucleotide/PX096453.1>, 12 August 2025.
 8. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 10 FT internal transcribed spacer 1, partial sequence; 5.8S ribosomal RNA gene and internal transcribed spacer 2, complete sequence; and large subunit ribosomal RNA gene, partial sequence GenBank: PX096182.1, <https://www.ncbi.nlm.nih.gov/nucleotide/PX096182.1>, 12 August 2025.
 9. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 04 FP Elongation factor 1-alpha (EF1a) gene, partial cds. GenBank: PX067002.1 URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX067002.1>, 16 August 2025.
 10. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 08 FP3/4 translation elongation factor 1-alpha (TEF1) gene, partial cds. GenBank: PX102080.1 URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX102080.1>, 24 August 2025.
 11. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 11 FT translation elongation factor 1-alpha (TEF1) gene, partial cds GenBank: PX102081.1, URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX102081.1>, 24 August 2025.
 12. Jeeva, M.L., Veena, S.S., Makeshkumar, T., Karthikeyan, S., Divya, S., Arutselvan, R. and Cyriac, T. 2025. *Fusarium falciforme* isolate CTCRI 09 FP3/4 DNA-directed RNA polymerase II second largest subunit (RPB2) gene, partial cds. PX102082.1, URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX102082.1>, 24 August 2025.
 13. Veena, S.S., Karthikeyan, S., Pavithra, S.A., Jeeva, M.L. and Arutselvan, R. 2025. *Fusarium incarnatum* strain SSV13.2 RNA polymerase II second largest subunit (RPB2) gene, partial cds. PX169691.1. URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX169691.1>. 20 August 2025.
 14. Veena, S.S., Karthikeyan, S., Pavithra, S.A., Jeeva, M.L. and Arutselvan, R. 2025. *Fusarium incarnatum* strain SSV4a.1 RNA polymerase II second largest subunit (RPB2) gene, partial cds. PX169689.1 URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX169689.1>. 20 August 2025.
 15. Gupta, S., Veena, S.S., Jeeva, M.L., Santhosh Mithra, V.S., Makeshkumar, T., Karthikeyan, S. and Rao, G.P. 2025. *Candidatus Phytoplasma australasiaticum* clone EFY-1 16S ribosomal RNA gene, partial sequence. PX251230.1. URL: <https://www.ncbi.nlm.nih.gov/nucleotide/PX251230.1>. 02 September 2025.
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Institute Publications

1. ICAR-CTCRI 2025. ICAR-CTCRI Newsletter Volume 42(2), April-June 2025, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram 695017, Kerala, India, 23p.
2. ICAR-AICRP 2025. Proceedings 25th Annual Group Meeting, 19-20 May 2025. ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram 695017, Kerala, India, 53p.
3. ICAR-AICRP 2025. Annual Report 2024, ICAR-All India Coordinated Research Project on Tuber Crops, ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram 695017, Kerala, India, 103p.
4. ICAR-CTCRI 2025. Quarterly Review Meeting April to June 2025. Suresh Kumar, J., Ramesh, V., Krishnakumar, T., Prakash, P., Sangeetha, B.G. and Visalakshi Chandra, C. (Eds.). 2025. ICAR-Central Tuber Crops Research Institute, Sreekariyam, Thiruvananthapuram, Kerala, India. 162p.

Major Institute Events

62nd Foundation Day Celebrations

Shri. Rajendra Vishwanath Arlekar, Hon'ble Governor of Kerala inaugurated 62nd Foundation Day Celebrations of ICAR- ICAR-CTCRI on 11 July 2025. While addressing the gathering, he emphasized the growing importance of Natural Farming as a sustainable agricultural practice; all the innovations and research results should reach the farmers and should have a human touch. Tuber crops can be an important component in doubling farmers income. The Governor lauded the achievements of CTCRI stating that the institute has made commendable contribution in the field of tuber crops during the last 62 years.

Dr. Sanjay Behari, Director, Sree Chitra Thirunal Institute for Medical Sciences & Technology (SCTIMST), Thiruvananthapuram offered the special address and mentioned the crucial role of food in maintaining gut microbiota and gut health 'our second brain'. According to him, tuber crops hold great promise for the development of functional foods and medicinal products. He also

highlighted the collaboration of SCTIMST with ICAR-CTCRI to develop starch-based scaffolds for controlled drug delivery, technology that could have significant impact in the pharmaceutical industry. Dr.G.Byju, Director, ICAR-CTCRI highlighted the research achievements of the institute. He underscored the achievements during last year viz., 5 new varieties, 5 novel technologies for commercialisation, 11 technologies for ICAR certification, 29 external aided projects, publication in high rated journals and the 'outstanding' rating given by the ICAR appointed quinquennial review team for the period 2019-24.

Governor of Kerala released new publications, honoured progressive tuber crop farmers, meritorious staff and students. Memoranda of Understanding (MoUs) aimed at furthering collaborative research with Sree Chitra Tirunal Institute for Medical Sciences & Technology, Thiruvananthapuram; Vedanta Limited, Lanjigarh, Odisha and PRS Hospital, Thiruvananthapuram, were exchanged in his presence. The celebration witnessed participation from farmers, students, and both former and current staff of the institute, officials from line departments, KVKs etc. to make it a truly inclusive and celebratory occasion. The event also showcased institute released varieties, technologies, value added products and publications.





62nd Foundation Day celebrations of ICAR-CTCRI

Talk on understanding the POSH Act 2013: Prevention, prohibition & redressal of sexual harassment at workplace

The Institute organised a talk on 'Understanding the POSH Act, 2013: Prevention, Prohibition & Redressal of Sexual

Harassment at Workplace' on 14 July 2025. The talk was delivered by Adv. J. Sandhya, Secretary, Sakhi Women's Resource Centre, Thiruvananthapuram, and member of the Internal Complaints Committee at ICAR-CTCRI. The speaker explained the legal framework of the Act; behaviours that constitute sexual harassment; definitions of 'workplace' and 'aggrieved woman'; the three pillars of POSH; the complaint and enquiry process; roles and responsibilities of employers and employees; penalties for false complaints; and approaches to building a safe, respectful workplace. All permanent and temporary staff members and students attended and actively participated in the discussion.

Institute Biosafety Committee meeting

The first meeting of the Institute Biosafety Committee (IBSC) was held at ICAR-CTCRI, Thiruvananthapuram on 21 July 2025 to review the rDNA-based research projects. Dr. G. Byju, Director, ICAR-CTCRI and Chairman, IBSC; Dr. S. Manjula, Scientist F, RGC, Thiruvananthapuram and DBT Nominee; Dr. T. Bindu, Medical Officer, Government of Kerala, Thiruvananthapuram and Biosafety Officer; Dr. E.V. Soniya, Scientist G, RGC, Thiruvananthapuram, Dr. T. Makesh Kumar, Head, Division of Crop Protection and Scientist-in-Charge, PME Cell; Dr. J. Sreekumar, Principal Scientist and SIC, ESS; Dr. M.L. Jeeva, Dr. B.G. Sangeetha, Dr. T.P. Sujatha and Dr. K.M. Senthilkumar attended the meeting. The external members reviewed the progress of rDNA-based research projects of ICAR-CTCRI. The committee members appreciated the scientists for strict adherence of the biosafety guidelines at the research laboratories of the Institute.



Institute Biosafety Committee meeting

Interaction meeting with Director, ICAR-ATARI Zone-XI

Dr. V. Venkatasubramanian, Director, ICAR-ATARI Zone-XI visited ICAR-CTCRI on 26 July 2025. The visit aimed

at developing state-wise rolling plan related to agricultural R&D in achieving the vision of Viksit Bharat@2047 as well as about Viksit Sankalp Krishi Abhiyan (VKSA) action points for future. Convergence and complementarity between ICAR research institutes and KVKs as well as other line departments were the focal points of the discussion. Mr. J. Mathew, SAO, ICAR-NBAIR, Bengaluru also participated besides Dr. Sethuraman Sivakumar, Dr. D. Jaganathan and Sri. S. Bhadrakumar.



Visit of Dr. V. Venkatasubramanian, Director, ICAR-ATARI Zone-XI

Live Web Telecast of PM Kisan Samman Nidhi & Scientist-Farmer Interface

Live Web Telecast of PM Kisan Samman Nidhi and a Scientist-Farmer Interface was organized on Improved Technologies of Tuber Crops on 02 August 2025. The event witnessed enthusiastic participation from over 120 attendees, including farmers from Thiruvananthapuram district and staff members of the institute. Dr. G. Byju, Director, ICAR-CTCRI, delivered the Presidential Address, emphasizing the significance of the Lab to Land programme and the importance of exposure visits for farmers to remain updated on the latest varieties and technologies related to tropical tuber crops. He also highlighted the Institute's active role in technology dissemination through various flagship developmental

programmes such as Scheduled Caste Sub Plan (SCSP), Tribal Sub Plan (TSP) and North Eastern Hill (NEH) programme. The interface meeting was inaugurated by Smt. Bindu S.R., Ward Councillor, Cheruvaikkal, who delivered the Inaugural Address.

The live web telecast of the 20th instalment of the Pradhan Mantri Kisan Samman Nidhi (PM-KISAN) scheme was viewed by the participants. During the national-level programme, Hon'ble Prime Minister Shri. Narendra Modi, speaking from Varanasi, Uttar Pradesh, released an amount of ₹20,500 crore, benefiting over 9.7 crore farmers across the country. With this release, the total disbursement under PM-KISAN has crossed ₹3.90 lakh crore since its inception.



Director delivering Presidential address in PM Kisan Samman Nidhi web telecast meeting

Independence Day Celebration

The 79th Independence Day of India was celebrated on 15 August at ICAR-CTCRI, Thiruvananthapuram and at Regional Station, Bhubaneswar. Dr. G. Byju, Director, hoisted the national flag at ICAR-CTCRI Thiruvananthapuram and delivered the Independence Day address. All staff members, including students and contractual employees, participated in the celebrations.

Rainbow Diet Campaign Health Camp organised for Juang Tribe in Keonjhar

In an effort to address malnutrition among the Juang tribe of Keonjhar district, the ICAR- CTCRI, Thiruvananthapuram, in collaboration with KIIT and NISER, is implementing the DMF-Indradhanush Rainbow Diet Campaign in Odisha. As part of the initiative, two health camps were conducted at Ayushman Arogya Mandir, Sub-Health Centre, Janthari, and at Government Girls' High School (Sikhya Niketan), Department of SC/ST, Gonasika in Banspal block on 18 September 2025. The camps focused on assessing malnutrition and micronutrient deficiencies among children (6-9 years) and

adolescents (10-19 years). Based on the malnutrition status, a specialised range of Rainbow Foods – colourful, micronutrient-rich products – will be developed at the upcoming Satellite Incubation Centre in Gonasika. The Centre will customise nutritionally enriched food products tailored to children's dietary preferences and nutritional needs, ensuring their continuous supply to combat malnutrition effectively.



Glimpses of medical camp

ICAR-CTCRI and CIP scientists interaction meeting

Dr. Neeraj Sharma, Country Manager, International Potato Center (CIP) and Dr. Mohinder Singh Kadian, Senior Scientist and Consultant, CIP visited ICAR-Central Tuber Crops Research Institute (CTCRI), Thiruvananthapuram on 19 September 2025. During the visit, the Director and scientists working on sweet potato had detailed discussions and interactions with the CIP officials. The deliberations focused on strengthening the sweet potato value chain and forging stronger linkages with the industry. Various strategies for enhancing production, processing, and market integration were examined, and a roadmap for future collaborative actions was finalized. Dr. Shirly Raichal Anil, PI of the ICAR-CIP Collaborative work plan on sweet potato presented the annual work report. The dignitaries visited the sweet potato fields at ICAR-CTCRI.



Participants of interaction meeting



Dr. Neeraj Sharma visiting sweet potato field at ICAR-CTCRI

Other Important Events

Hindi Corner

The meeting of the Official Language Implementation Committee (OLIC) of ICAR-CTCRI for the II quarter from July to September 2025 was held on 19 August 2025 under the Chairmanship of Dr. G. Byju, Director and Chairman (OLIC). It was decided to release CTCRI Hindi e-magazine 'Indradhanush' 2nd edition during January 2026 on the occasion of World Hindi Day. The committee decided to celebrate the Hindi Fortnight-2025 with various competitions from 14- 28 September 2025.

Hindi Workshop

An In-House Hindi workshop was organized on 16 September 2025 on the topic 'Annual Program 2025-26' by the Hindi Cell, ICAR-CTCRI. A total of 33 participants including 20 officers and 13 employees were trained in this workshop.

Hindi Fortnight Celebration

Hindi Fortnight celebration was organized at ICAR-CTCRI during 14-28 September 2025. The function was inaugurated by Dr. G. Byju, Director and Chairman (OLIC) of the Institute. Various competitions were organized during this period which included Translation, Essay writing, Dictation, Calligraphy, Recitation, Elocution, Thasvir kya bolthi hai, Memory test and Anthakshari for the staff. Competitions were also organized for the kids of the staff.



Inauguration of the Hindi Fortnight



Hindi competitions for the staff

TOLIC meetings attended

Dr. A. Asha Devi, Liaison Officer (OL) & Principal Scientist and Smt. V.S. Rajasree, OL Assistant attended the First half yearly meeting of TOLIC (Office-I), Thiruvananthapuram for the year 2025-26 held on 30 July 2025 in the Conference Hall of the Office of the Chief Postmaster General, Kerala Circle, PMG Junction, Thiruvananthapuram.

Director's Visits

- Dr. G. Byju, Director had an interaction meeting with elephant foot yam farmers of Uthchili village, Kovvur, Andhra Pradesh on 23 July 2025. The Harvest festival and interaction meeting was inaugurated by Director Dr. G. Byju. Dr. D.V. Swami, Dr. K. Mamata and Dr. Sivakumar of RHRS, Dr. YSRHU, Kovvur and Dr. Koteswara Rao, Hort. Officer participated besides the farmers. Director also attended an interaction meeting with beneficiary farmers of SCSP project and distributed implements and inputs. The progress of work done by AICRPTC centres of Kovvur and Peddapuram was also reviewed.



Director's visit at AICRP centre, Kovvur

- Dr. G. Byju, Director visited Regional Station, ICAR-DFR, Kadiyam, Andhra Pradesh on 24 July 2025 and had discussion with Head and Scientists. CTCRI's new project on intercropping flowers in tuber crops was the central point of discussion.



Director's visit at Regional Station, ICAR-DFR, Kadiyam

- Dr. G. Byju, Director, monitored the field experiments of Crop Production Division at Block I along with Head of Division, scientists and all other staff on 27 August 2025.



Director monitoring the field experiments

- Dr. G. Byju, Director, along with Dr. M. Nedunchezhiyan, SIC, Regional Station, ICAR-CTCRI, Bhubaneswar conducted a monitoring and review visit of the AICRP on Tuber Crops research programmes at the Central Experimental Station,

Wakavali, Maharashtra on 23 September 2025. The team visited ongoing field experiments, interacted with tuber crop farmers in Dapoli, and visited farmers' fields in Guhagar. They also participated in a farmers' training programme at Guhagar, which witnessed the active participation of about 200 farmers. During the visit, the Director met Dr. Sanjay G. Bhawe, Vice-Chancellor, Dr. BSKKV and had discussions on strengthening and expanding tuber crops research and development programmes.

Infrastructure/Facilities

- A Particle Delivery System (PDS1000) was installed and made functional in the Gene editing lab of ICAR-CTCRI.
- A 10 kg capacity automatic vacuum frying machine equipped with a PID controller and a K-type thermocouple has been procured for the production of vacuum fried products from tuber crops. It involves simultaneous mass and heat transfer at very low temperatures and frying periods to give higher-quality products.



Vacuum frying machine

New Projects Sanctioned

- A project on 'Development of cassava value chain based entrepreneurship through satellite incubation centre to enhance tribal livelihoods in Kalvarayan Hills (Kallakurichi District)', sponsored by was sanctioned by Tamil Nadu Tribal Welfare Department, Government of Tamil Nadu (Rs. 100.4 Lakhs).
- A project on 'Empowering Tribal livelihoods through Cassava Value Chain Development in Kadambur Hills, Erode district, Tamil Nadu' was sanctioned by Tamil Nadu Tribal Welfare Department, Government of Tamil Nadu (Rs. 68.99 Lakhs).

- A project titled 'Development of naturally coloured functional emulsified dips from biofortified (carotenoids and anthocyanins rich) sweet potatoes' was approved by Ministry of Food Processing Industries, Government of India for a period of two years with a total budget of Rs. 40.83 lakhs. The project involves inter-institutional collaboration (ICAR-CTCRI and ICAR-IARI) and a public-private partnership (ICAR and THOLUA Pvt. Ltd.).

Distinguished Visitors

Headquarters, Thiruvananthapuram, Kerala

- Shri. Rajendra Vishwanath Arlekar, Hon'ble Governor of Kerala.
- Dr. Sanjay Behari, Director, Sree Chitra Thirunal Institute for Medical Sciences & Technology (SCTIMST), Thiruvananthapuram.
- Dr. V. Venkatasubramanian, Director, ICAR-ATARI Zone-XI
- Dr. Neeraj Sharma, Country Manager, CIP
- Dr. Mohinder Singh Kadian, Senior Scientist and Consultant, CIP
- Adv. J. Sandhya, Secretary, Sakhi Women's Resource Centre, Thiruvananthapuram

Honours, Awards and Recognitions

- Dr. J. Suresh Kumar, Scientist was selected as member in TNIAMP delegation to visit Kenya which is aimed at strengthening global partnerships in climate-resilient agriculture. The team visited key institutions including CIP, KEPHIS, KALRO, IITA, and the University of Nairobi. Highlights included discussions on collaborative research in sweet potato varietal improvement, exposure to virus-free planting material production, and climate-resilient technologies like zero tillage. Visits to CIP experimental farms showcased hybrid breeding trials, AI-assisted phenotyping, and solar-powered cold storage. Engagements with food processors and academic institutions revealed innovative OFSP-based value-added products with strong nutritional and commercial potential. The visit concluded with a strategic action plan for sweet potato rejuvenation in Tamil Nadu through partnerships with CIP, ICAR, and the Government of Tamil Nadu, focusing on varietal exchange, digital agriculture, and value chain development.



Glimpses of visit of Dr. J. Suresh Kumar to Kenya as a member of TNIAMP delegation

- Dr. G. Suja acted as Member in the Jury for Selection of Best Scientist for M.S. Swaminathan Award 2024 constituted by Department of Agriculture and Farmers' Welfare, Government of Kerala.
- Dr. K. Susan John acted as subject expert for promotions of faculty to Associate Professors/Professors in the discipline of Soil Science & Agricultural Chemistry in the Technical Committee held under CAS programme of Kerala Agricultural University.
- Dr. K. Susan John acted as Subject expert, Technical Committee of Fertilizer Quality Control Laboratory, Department of Agriculture, Government of Kerala and attended the first meeting.
- Dr. K. Susan John acted as consultant, IPI project of Indian Cardamom Research Institute.
- Dr. Sheela Immanuel acted as member in the selection of state farmers award conducted at SAMETI, Thiruvananthapuram during 08-09 August 2025.
- Dr. T. Makesh Kumar acted as external examiner for the conduct of final viva voce examination of one Ph.D. (Plant Pathology) student, TNAU, Coimbatore on 28 July 2025, external examiner for the conduct of qualifying viva voce examination of one Ph.D. (Plant Pathology) student, IARI, New Delhi on 31 July 2025 and external examiner for the conduct of final viva voce examination of one Ph.D. (Plant Pathology) student, School of Life Sciences, Jawaharlal Nehru University, New Delhi on 22 August 2025.
- Dr. S.S. Veena acted as external examiner for one Ph.D. student of TNAU, Coimbatore.
- Dr. S.S. Veena served as reviewer of Journal of Horticultural Sciences and Agricultural Research.
- Dr. S. Sunitha conducted Ph.D. viva voce examination of one student at CoA, KAU.
- Dr. A. Asha Devi acted as resource person for the DBT STAR programme at the Department of Botany, Govt. College for Women, Thiruvananthapuram, and delivered a lecture on the topic, 'Nurturing Resilience: Women in Plant Biotechnology Shaping Climate-Ready Agriculture' on 01 August 2025.
- Dr. K. Laxminarayana, Principal Scientist, RS, ICAR-CTCRI, Bhubaneswar acted as External Examiner for conducting Final Thesis Viva Voce of a

Ph.D. student, namely, Mr. Ili. Venkatesh, Department of Soil Science & Agricultural Chemistry, College of Agriculture, Professor Jayashankar Telangana State Agricultural University, Rajendranagar, Hyderabad on 01.07.2025.

- Dr. K. Laxminarayana, Principal Scientist, RS, ICAR-CTCRI, Bhubaneswar participated in the Final Thesis Viva Voce of a M.Sc. (Ag) student, namely, Mr. Swaraj Swadhin Pradhan, Department of Soil Science & Agricultural Chemistry, College of Agriculture, OUAT, Bhubaneswar on 29.08.2025.
- Dr. J. Sreekumar was nominated as the member of Working Group on Coconut Productivity Survey, by Coconut Development Board, Government of India.
- Dr. J. Sreekumar acted as external examiner for four students of Department of Agricultural Statistics CoA, KAU, Vellayani and conducted the qualifying viva-voce on 20 August 2025.
- Dr. P. Sethuraman Sivakumar was awarded Best Scientist (Resource Mobilization) 2025 (for obtaining the external funded project sanctioned during July 2024 to June 2025 having a total budget of $\geq$ Rs.1 crore) at the ICAR-CTCRI Foundation Day.
- Dr. P.S. Sivakumar acted as Subject Matter Expert/Resource person for the Transfer of Technology section at the 38th IRC meeting of ICAR-DCR held on 4-9-2025.
- Dr. P.S. Sivakumar delivered an invited lecture on “Entrepreneurship in Agricultural Extension – Careers that Create Change” at the MANAGE Agricultural Extension "Evening4Learning" Webinar Series from 18-23 August 2025.
- Dr. P.S. Sivakumar delivered an invited lecture on “ICT and Behaviour Change Communication for Nutrition Improvement” at the Online Collaborative training program on “ECHO Strengthening Post-Harvest Management in Agri and allied sectors through Farmer-Producer Organizations” (19 – 23 August 2025) organised by Extension Education Institute, (Southern Region), Hyderabad
- Dr. P.S. Sivakumar delivered an invited lecture on Scaling up of biofortified varieties to combat child malnutrition - Methodological perspectives and experiences of ICAR- CTCRI at the IIMR-MANAGE Online

Training Programme on “Biofortification-A Frontier Novel Approach to Enrich Micronutrients in Millets to Encounter Food and Nutritional Security in India (1-3 September 2025).

- Dr. P.S. Sivakumar acted as External Question Paper setter for the College of PG Studies, CAU (Imphal), Umiam for the MSc (Ag) extension Course and as external examiner for evaluating PhD thesis of ANGRAU, LAM, Guntur
- Dr. V. Ramesh evaluated M. Sc. (Ag.) thesis of College of Agriculture, Vellayani (KAU).
- Dr. V.S. Santhosh Mithra participated as a resource person and made a presentation on the topic ‘AI-Driven Innovations in Cocoa Farming for Enhanced Productivity and Resilience’ at the National Cocoa Conclave 2025: Transforming Cocoa with Technology, Sustainable Growth and Self Reliance held at AAU, Jorhat during 20-21 August 2025.
- Dr. V.S. Santhosh Mithra participated as a resource person and handled a class on the topic Innovative Agritech for Sustainable Development on 23 August 2025. for the FDP on the topic ‘TechHarvest: Advancing Computer Science & Agricultural Research for a Smarter Future’, which was held at St Aloysius (DU) Beeri, Kotekar, Mangaluru during 18-23 August 2025.
- Dr. V.S. Santhosh Mithra participated as a resource person made a presentation on the topic “The Importance of Introducing IoT-based Smart Farming Techniques in Coffee Farming” at the International Workshop on ‘Challenges and Solutions in Coffee Farming: Towards a Resilient and Sustainable Wayanad’, which was held during 29-30 September 2025 at MSSRF, Wayanad.
- Dr. K. Sunilkumar conducted thesis viva of one Ph.D. scholar of Post Harvest Technology, College of Agriculture, KAU Vellanikkara.
- Dr. R. Muthuraj received appreciation certificate from Deputy commissioner, Wokha district for implementing improved production technologies and capacity building under NEH programme in Wokha, Nagaland on 15.09.2025.
- Dr. H. Kesava Kumar acted as external examiner for adjudication of one M.Sc. (Ag.) thesis at College of Agriculture, Vellayani, Thiruvananthapuram in

September 2025.

- Dr. H. Kesava Kumar acted as Evaluator for District Level Evaluation of Young Innovators Program 7.0 Category Category 1 and 2-4 organized by Kerala Development & Innovative Strategic Council.
- Dr. Hanume Gowda, Scientist, RS, ICAR-CTCRI, Bhubaneswar participated in the Final Thesis Viva Voce of a M.Sc. (Ag) student, namely, Miss. Minerva Majhi, Department of Vegetable Science, College of Agriculture, OUAT, Bhubaneswar on 29.08.2025.
- Dr. Kalidas Pati, Senior Scientist, RS, ICAR-CTCRI, Bhubaneswar participated in the Final Thesis Viva Voce of a M.Sc. (Ag) student, namely, Mr. Chandra Sekhar Sethy, Department of Vegetable Science, College of Agriculture, OUAT, Bhubaneswar on 30.08.2025.
- Dr. N. Krishna Radhika made a webinar presentation on 'Genome editing in cassava for starch variability' on 01 August 2025, which was organised by East African hub, IITA, Kenya in hybrid mode at Ndama Lounge in ILRI campus.
- Dr. Swathi Sivan bagged Best Research Paper Award for Student (2025) for the article Sivan S., Senthilkumar K. M., Sheela, M.N., Arya, K., Revathi, B.S., Abhilash, P.V., Neethu, R.S., Pooja, A. and Prakash Krishnan, B.S. 2025. Genome analysis, identification, and expression analysis of nitrogen and potassium responsive genes in Cassava. *Acta Physiologiae Plantarum*, 47: 1-17. (NAAS Score: 8.4). at the 62nd Foundation Day of ICAR-CTCRI 2025 held at ICAR-CTCRI on 11 July 2025. (Authors: Sivan S., Senthilkumar K. M., Sheela, M.N., Arya, K., Revathi, B.S., Abhilash, P.V., Neethu, R.S., Pooja, A. and Prakash Krishnan, B.S.)
- Dr. Visalakshi Chandra C. delivered awareness lecture on registration of farmers varieties and Plant genome saviour awards from PPV& FRA to farmers from Nagaland on 26.08.2025.
- Dr. T. Krishnakumar delivered an expert lecture on 'Status and prospects of farm mechanization of tuber crops in India' in the 7 day national training program on 'Innovations in post-harvest machinery: Design, Development, Digital Advancements', organized by the Division of Agricultural Engineering, ICAR-IARI, New Delhi in Online mode on 08 September 2025.
- Dr. T. Krishnakumar acted as external examiner for M.Tech. thesis evaluation of a student at NIFTEM, Thanjavur.
- Dr. T. Krishnakumar acted as external examiner for M.Sc. (Community Science) Food Science and Nutrition thesis evaluation of one student at College of Community Science, TNAU, Madurai.
- Ms. Amrutha P.R. has been awarded the Doctoral Degree in Biotechnology by the University of Kerala, Thiruvananthapuram, on 02 September 2025. Her thesis, entitled 'Eco-friendly management of greater yam anthracnose employing endophytes', was carried out at ICAR-CTCRI under the guidance of Dr. M. L. Jeeva.

Media Coverage

Date	News Title	Name of News paper/e-paper
5.7.2025	Kizhangu vila vithu graamam paddathikku parassalayil thudakkam	Desabhimani
5.7.2025	‘Kizhangu varga vithu gramangalum vikendrikrutha vithulpaadakarum’ samathanathala paripadikku thudakkamaayi	Janayugam
5.7.2025	Kizhanguvila vithu paddathiyude samsthanathala udghadanam nadannu	Malayala Manorama
5.7.2025	Kaarshika seminar sangadippichu	Kerala Kaumudi
5.7.2025	Kizhangu vila vithu gramangalum vikendrikrutha vithulpaadakarum; samsthanathala udghadanam	Kesari
5.7.2025	Seed graam paddathi samsthanathala udghadanam	Veekshanam
12.7.2025	Jaivakrishiylode kaarshika reethikal munnottu kondupokanam: Governor	Mathrubhimi
12.7.2025	Sthaapaka dinaaghosham	Malayala Manorama
19.7.2025	Thrithalaye kizhangu vila graamamaakkaan karshakar	Kerala Kaumudi
20.7.2025	‘Seed Graam 2025-30’ udghadanam	Mathrubhumi
20.7.2025	‘Seed Graamam’ paddathikku jillayorungi	
24.7.2025	Higher yields with improved management practices in Elephant Foot Yam	Eenadu
24.7.2025	Farmers awareness on tuber cultivation	Epaper.eenadu.net
24.7.2025	Awareness program on Elephant Foot Yam cultivation	Vartha
25.7.2025	Awareness program on improved cassava cultivation practices for farmers	Sakshi.com
25.7.2025	Tuber crops experts visiting Kovvur Horticulture Research Station	Andhrajiyothi.com
27.7.2025	Uppadana mikavu: puthiya maracheeni enangal	Desabhimani
16.8.2025	Prameha rogikalkku vaividya uthoannangal avatharippichu Kudumbasree	Kerala Kaumudi
16.8.2025	Kadalum thaandi,koovayil thaliritta noorumeni	Kerala Kaumudi
23.8.2025	Seminar on coconut & tuber crops showcases innovations for resilient agrifood systems in Kamrup	Chronicle News Service
24.8.2025	Seminar on Agriculture at the Agricultural Science Centre, Kanhikuchi	Niyamiya barta
25.8.2025	A seminar on the development of coconut, spinach and bean potato cultivation was held at the Agricultural Science Centre, Kanhikuchi	Axomia Khabar
25.8.2025	A seminar on the development of coconut, olkachu and bean potato cultivation was held in Kanhikuchi	Dainik batori Kakot
30.8.2025	Krishiyilode Aarogya keralam sarkkaar lakshyam: manthri P Prasad	Desabhimani
30.8.2025	Kaarshika meghala sakthippeduthi aarogya keralam srishdikkal sarkkaar lakshyam : Manthri P. Prasaad	Mamgalam, Alappuzha Edition
30.8.2025	Kaarshika seminar	Chandrika, Kochi Edition
30.8.2025	Kaarshika meghala sakthippeduthi aarogya keralam srishdikkal sarkkaar lakshyam : Manthri P. Prasaad	Janayugom,, Kochi Edition
11.9.2025	8 scientific institutions to join hands for collaborative research	The Hindu
11.9.2025	Thalasthanam aasthaanamaayi gaveshana cluster : kaikorthu yettu Kendra stapanangal	Mathrubhumi

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Tuber Crops for Food, Health, Wealth and Prosperity

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