



Agroforestry News

कृषिवानिकी समाचार

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Director's message

The Central Agroforestry Research Institute, Jhansi being a premier R&D establishment under the aegis of the Indian Council of Agricultural Research has been able to grow vertically and horizontally manifesting its niche as the Nodal Agency of the Ministry of Agriculture & Farmers' Welfare, Govt. of India and reaching out to farmers through technologies and frontline demonstration. This prestigious designation underscores CAFRI's pivotal role in advancing the agroforestry sector by providing technical support, capacity building related to Quality Planting Material (QPM) activities. To ensure quality and standardization in agroforestry nurseries, ICAR-CAFRI has developed the Agroforestry Accreditation Protocol for Agroforestry Nurseries. This framework aims to promote transparency, reliability, and quality in the production of planting material. The protocol is a cornerstone for strengthening India's agroforestry adoption and practice by ensuring the availability of QPM for various agroforestry species.

As part of its commitment to capacity building, ICAR-CAFRI has conducted Trainer of Trainers (ToT) programs in collaboration with state nodal agencies. These programs have been implemented in multiple states, including Odisha, Uttar Pradesh, Maharashtra, Karnataka, Manipur, Nagaland, Chhattisgarh, Assam, Rajasthan, Mizoram, Andhra Pradesh, and Tamil Nadu. Over 300

individuals have been trained so far, equipping them with the technical knowledge and skills needed to accreditation of agroforestry nurseries. The National Nursery Assessment and Accreditation Committee (NNAAC), established under the provisions of the Agroforestry Accreditation Protocol, was notified by the Ministry of Agriculture & Farmers' Welfare (F.No.18-1/2023-NRM-AF (FTS:132982) dated 20 December 2023). The NNAAC has convened three meetings, during which proposals received from state agencies were meticulously reviewed. As a result of these assessments, 197 agroforestry nurseries have been accredited, ensuring their compliance with the stringent quality standards laid down in the accreditation protocol.

The coordinating centres of AICRP Agroforestry conducted 15 training programmes and awareness programmes on agroforestry for the benefit of tribal and SC community under TSP and SCSP programmes and distributed inputs in form of seedlings of multipurpose trees and fruit trees, seeds of vegetables and cereal crops, fertilizers, small nursery equipments etc. All the coordinating centres of AICRP Agroforestry organized and participated in one-day special plantation drive on 17th September, 2024 with a theme "Ek Ped Maa ke Naam" programme involving scientists, faculty and students at their respective centres. The technical work plan of the centres was reviewed through a virtual meeting on 19th December, 2024.

The Institute is striving best to steer the agroforestry R&D to enable climate resilience and income augmentation to the farmers.

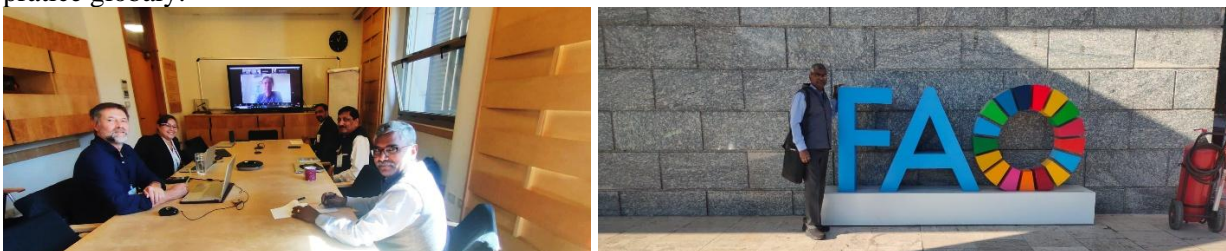


Strategic Highlights

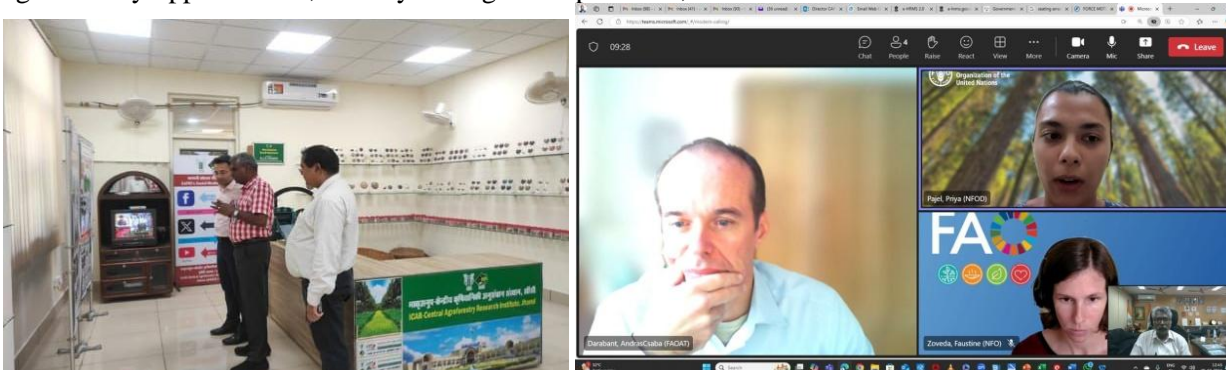
- On 6th August, 2024, Kalasalingam Academy for Research and Education (KARE) successfully signed a MoU with the ICAR Institute "Central Agroforestry Research Institute (CAFRI)" Jhansi, Uttar Pradesh. The Director of CAFRI Dr. A. Arunachalam and Vice Chancellor Dr. S. Narayanan signed the agreement in the presence of our Honorable Chancellor Dr. K. Sridharan, Pro Chancellor Dr. S. Arivalagi and Vice President Dr. Shasi Anand and Registrar Dr. V. Vasudevan.



- On 5th September 2024, Prof. Senthil Vinayagam, former Director NIRD & former Director MANAGE, and Programme Coordinator, NAARM Hyderabad visited ICAR-CAFRI Jhansi to discuss opportunities in Agroforestry Research Management.
- On 9th September 2024, Dr. A.K. Patra, (former Director of ICAR-IISS, Bhopal) as Chairman, Dr. Jitendra Kumar, ADG (NASF) from ICAR, Dr. A.R. Sharma, Former Director, ICAR-DWR, Jabalpur (M.P.) & Former, Director (Research), RLBCAU, Jhansi (U.P.) visited ICAR-CAFRI Jhansi and reviewed the progress of NASF funded project.
- On the 16th September 2024, Dr A Arunachalam, Director, ICAR-CAFRI participated in the Focus Group Discussion in FAO, Rome, Italy and discussed thematic advancement in agroforestry. He highlighted thematic advancements in agroforestry, emphasizing its potential to enhance sustainable agricultural practice globally.



- On 25th September 2024, The Chief Development Officer of Jhansi, Mr. Junaid Ahmed, IAS, visited ICAR-Central Agroforestry Research Institute, Jhansi and held discussions with Director, CAFRI on the agroforestry opportunities, nursery management practices, etc



- On the 11th November 2024, Director, ICAR-CAFRI interacted with a Team of Experts from FAO-Regional Office, Bangkok on agroforestry and gave inputs for fortifying the FAO study on agroforestry in the Asia-Pacific Region in general and India in particular.

- On the 19th of November 2024, Director, ICAR-CAFRI had an opportunity to meet with the New Zealand delegation and discussed opportunities for collaboration and cooperation in agroforestry. The New Zealand delegation was led by Mr Sam Keenan, DDG, New Zealand Forest Service along with 3 more colleagues. The ICAR delegation was led by Dr. SK Chaudhari, DDG; Dr. Rajbir Singh, ADG, NRM Division; ADG, International Relations; Director, CAFRI and other colleagues.



- On 4th December 2024 IRC meeting of the ICAR-CAFRI was organized under the Chairmanship of Dr. A Arunachalam, Director of the Institute. Dr B P Bhatt, Ex-Director, of ICAR Research Complex for Eastern Region, Patna was the external expert. During the meeting, all scientists presented the significant achievements of their respective research projects. Detailed discussions were held and suggestions for improvement were provided by the Director of the institute and external experts. Three new project proposals were accepted after deliberations.
- The 24th Research Advisory Committee meeting of ICAR-CAFRI was held on 5th December 2024 in hybrid mode at the institute. The meeting was chaired by Dr. Parvinder Kaushal, Vice Chancellor, VCSGUHF, Bharsar, and joined by Dr K. T. Pathiban, FCRI, Mettupalayam. Other RAC members joined virtually. At the onset of the meeting, Dr A Arunachalam, Director of the institute welcomed the Chairman and members of the committee and gave an overall view of the work done by the institute since the last meeting. After that, the ATR of the previous meeting was presented and accepted by the committee. The research work of the institute was presented by the respective program leaders. The RAC appreciated the research achievements of the institute and gave recommendations for further improvement to meet the current challenges.



- On 13th December 2024, the ICAR-Central Agroforestry Research Institute, Jhansi was conferred the Green Campus Award by the Save the Environment Society (STE); The campus having 64% tree cover and green spaces all around along with special attraction points to enthruse.



- ICAR-CAFRI, Jhansi, celebrated National Farmers Day on 23rd December under the chairmanship of Director Dr. A. Arunachalam. Dr. Ravindra Shukl (Ex-Agri. Minister, UP) was the Chief Guest; Mr. Dharmendra Kumar (DD, Soil Conservation, Jhansi) was the Guest of Honor in the event. Farmers from Shivpuri and Jhansi participated in the event. Progressive farmers were declared as the Agroforestry Ambassadors



- On the 23rd December, 2024, a training workshop on Science Communication was organized by ICAR-CAFRI, Jhansi, to enhance awareness on effective methods of communicating scientific knowledge and technology to the farmers.



Strategic outreach

- On 1st July 2024, ICAR-CAFRI, Jhansi began the Van Mahotsav week with the inception of planting and distribution of quality planting material to progressive farmers from Begusarai, Bihar during the 5-day long training on agroforestry on 26-30 June, 2024 with the support of ATMA, Bihar Govt at CAFRI, Jhansi, Uttar Pradesh.



- On July 8th, 2024, ICAR-Central Agroforestry Research Institute (CAFRI) had an enriching online meeting with Dr. Sivakumar, IFS, Member Secretary of the Central Silk Board (CSB), for establishing a long-term collaboration between ICAR-CAFRI and CSB for developing and promoting Sericulture-based agroforestry, conducting capacity building and training programs for researchers and students on technical backgrounds, as well as entrepreneurial activity-based training for rural youth and students.



- Today, the 23rd July, 2024, ICAR-CAFRI organized an online training program for the state officials of Nagaland and Manipur for agroforestry nursery accreditation. Dr. Franklin L. Khobung IFS, Joint Secretary, Ministry of Agriculture & Farmers Welfare, Govt. of India addressed the delegates and shared the overall indent of the agroforestry scheme under RKVY and urged all states to have serious considerations in ensuring nursery accreditation for quality planting material to upscale agroforestry.



- On 25th July, 2024, Dr. Prabhat Pandey, RTO, Jhansi gave a Rajbhasa address during the Vichar Manch organized by ICAR-CAFRI, Jhansi in the Institute. Dr. Pandey gave an account of Traffic Rules and Regulations benefitting the participants; Dr. Rajendra Prasad, Principal Scientist of ICAR-CAFRI also gave

a global synthesis of Traffic Safety on the occasion. All the Institute employees, project staff, contractual workers and others participated in the program.

- ICAR-CAFRI organised an insightful and engaging session on "Developing Business Opportunities in Agroforestry: Learnings from Consortium of Industrial Agroforestry Success Story from Tamil Nadu" on 30th July, 2024. The program was coordinated by ITMU as part of the ABiC activity. Dr. K.T. Parthiban from FCRI, TNAU, Coimbatore, shared invaluable insights into the development and establishment of CIAF. Sh. K.K. Singh, CCF IFS from UP Forest Department, joined the event, adding a wealth of knowledge and experience. All Scientists from ICAR-CAFRI contributed their expertise, fostering a rich dialogue on agroforestry business opportunities.



- The first Advisory Committee Meeting of the NASF funded project "Comparative study on carbon dynamics and functional rhizosphere microbial biomass of agroforestry systems in dry- and wet-tropical climatic situations" was organized during September 7-9th, 2024 at ICAR-CAFRI, Jhansi. Dr. A.K. Patra, (former Director of ICAR-IISS, Bhopal) as Chairman, Dr. Jitendra Kumar, ADG (NASF) from ICAR, Dr. A.R. Sharma, Former Director, ICAR-DWR, Jabalpur (M.P.) & Former, Director (Research), RLBCAU, Jhansi (U.P.) as External member, Dr. A. Arunachalam, Director, ICAR-CAFRI, Jhansi, Prof. Kusum Arunachalam, CCPI of the NASF project, Doon University, Dehradun, Dr. Badre Alam, Principal Scientist & Principal Investigator as members and Dr. Sovan Debnath, Co-PI attended the Meeting.



- A two-day National Conference on "Shashwat Srishti Sanrakshan" is being organized on 23-24 August 2024, at ICAR-CAFRI, Jhansi. The program was inaugurated by chief guest Prof AK Shukla (VC, RVSKVV, Gwalior), Guests of honor Dr. W Selvamurthy (President, ASTIF), Dr. Kshipra Mishra (STE), Dr. Madhu Vats (SKSS), Dr. A Arunachalam (Director, CAFRI), Dr. RP Dwivedi (Organizing Secretary, CAFRI). More than 100 delegates are participating from across different states of India.
- A 3-days (27th-29th August 2024) Training of Trainers Program on Accreditation of Agroforestry Nurseries for the State of Uttar Pradesh organized at ICAR-CAFRI. A total 23 nominated Forest Officers from the State participated in the program, Jt. Secretary, MoA&FW Shri Franklin L Khobung IFS addressed the participants online and emphasized on the importance of the tot program on Agroforestry Nursery Accreditation.



- On August 29, 2024, a one-day training on Ecological Niche Modelling session was organized at ICAR-CAFRI Jhansi. This comprehensive program, led by Course Director Dr. A. Arunachalam (Director, CAFRI, Jhansi), and organized by Dr. A.K. Handa and Mr. Suresh Ramanan S., provided valuable insights into the fundamentals of Niche Modelling, including Species Distribution Modelling (SDM) and ENM basics. Participants gained hands-on experience and theoretical knowledge essential for applying these tools in ecological research and conservation strategies.
- On the 9th September 2024, ICAR-CAFRI organized a capacity building workshop for SC communities in collaboration with ICAR-CIRG, Makhdoom, KVK-Datia and IIWSC Centre, Datia. The program was graced by Director, CAFRI, ADG (NASF) and Former Director, IISS Bhopal; On the occasion, welfare materials and quality planting materials for agroforestry were also distributed and plantation drive was organized.



- On 10th September 2024, Director, ICAR-CAFRI being member of Research Advisory Committee of the State Forest Research and Training Institute, Chhattisgarh presented his view on the quality planting material for agroforestry, nursery accreditation and also vouched for a Scoping Study on Agroforestry for the state of Chhattisgarh. The RAC was chaired by the Director of the SFRT.
- Under the Swachhta Campaign, different activities were done by ICAR-CAFRI Jhansi from 16 -30th September 2024 in which different cleanliness activities were performed with in the institute and outside the institute campus. Beside this different activities were organized for govt school students such as poster, drawing, sports, and quiz competition related to swachhta campaign.



- The TOT program for the Officials from the Directorate of Agriculture, Mizoram was held on 30.09.2024. Suresh Ramanan S, Scientist (Agroforestry) presented an overview of Accreditation Protocol for Agroforestry nurseries.
- On the 14th October 2024, Dr. A Arunachalam, Director, ICAR-Central Agroforestry Research Institute interacted with the students' freshers admitted to UG programs in RLBCAU, Jhansi and highlighted the importance of ICAR/DARE and its contribution to the nation and motivated the students to take pride in being associated with agriculture



- A three-day hands-on workshop training on ‘Basic Techniques of Plant Tissue Culture’ was organized on October 22-24, 2024, by the ICAR-CAFRI, Jhansi to familiarize students, research scholars, young entrepreneurs, etc., with the fundamental techniques of plant tissue culture, which are essential in the fields of agriculture and forestry research and development. Tissue culture raised plants are genetically identical and so holds promise in development of quality planting material (QPM) for agroforestry profitability. The training was provided free of cost to encourage maximum participation for capacity building. Around 50 participants have attended the program where they were trained for all the fundamental to advanced scientific tools and techniques used in the mass propagation of disease-free, genetically uniform QPM through plant tissue culture. Participants were distributed with the certificates upon successful completion. The program was coordinated by Dr. Hirdayesh Anuragi (scientist) under the kind guidance of Dr. A. Arunachalam (Director, CAFRI) and Dr. A.K. Handa (Principal Scientist & Program Leader, Tree Improvement Research).



- On the 12th November, 2024, Director, ICAR-CAFRI, Jhansi graced the Valedictory Session of the National Conference on Advanced Biotechnology and Biosystems held at DDU Gorakhpur University, Gorakhpur and gave the Chief Guest Address. In conclusion, he joined the Hon'ble VC of DDUG University in distributing certificates to best posters and oral presentations in the Conference.



- On the 14th of November 2024, Dr. A. Arunachalam, Director of ICAR-Central Agroforestry Research Institute, Jhansi inaugurated the National Conference organized by Amity University, Gwalior on Technological Innovations and Environmental Sustainability. In his Chief Guest address, he encouraged the youth to take up green solutions in their life too and urged the delegates to plant trees for environmental sustainability.



- On the 15th November 2024, Dr. A. Arunachalam, Director, ICAR-Central Agroforestry Research Institute Jhansi and Project Coordinator of AICRP-Agroforestry inaugurated the Women Kisan Meet at Pulikulam Cattle Research Station, Manamadurai and also distributed inputs in the form of fodder saplings to the participants. The activity was conducted under the SCSP plan of AICRP Agroforestry.



- On 22nd November 2024, ICAR-CAFRI Jhansi, Jhansi entered into MoU with Chaturveda Plantech Pvt Ltd Hyderabad (Telangana) to enhance joint activities in the field of agroforestry and Nature based solutions for sustainable livelihood.
- The second Stakeholders consultation on *Melia dubia*, was Organized on August 23th, 2024. This consultation aimed to review the status of *Melia dubia* a flagship species efforts as taken by researchers across the country and involved the development of a discussion paper. Additionally, the event highlighted the Melia dashboard created by ICAR-CAFRI and over 20 participants attended the program, contributing to a rich dialogue on the challenges and opportunities associated with *Melia dubia*. Notably, this consultation follows the first stakeholders meeting held on August 23, 2022, establishing a biennial tradition aimed at fostering collaboration and enhancing knowledge on this vital species.
- Under the leadership of Dr. A. Arunachalam, ICAR-CAFRI Jhansi is extending its supports and spreading the strawberry production technology to improve the socioeconomic status of farmers of Lalitpur district of Uttar Pradesh. Dr. Ashok Yadav, Scientist visited the farmers field and advise farmers on good practices to be adopted in strawberry cultivation.



- Under the Hindi Karyashala program one day workshop was organized at ICAR-CAFRI Jhansi in which Shri Ajay Sahai Ji, Informatics Publishing Limited, Bangalore, gave a demo and lecture on the topic 'Importance of CeRA for e-resources in agriculture' for scientific, technical and project staff of the Institute.

- A training workshop was organized on “Carbon Farming and Assessment of Ecosystem Services” during 25-27 November 2024 at ICAR-CAFRI, Jhansi under the umbrella of ongoing project “Taskforce of NMSHE”, DST, Govt. of India in the institute. There were 25 participants in the training workshop. Internal resource persons and various invited external experts on the subject delivered lectures as well were taken practical sessions for hands-on experience for the young researchers.



Day and Weeks Observed

- Today, the 28th of October, 2024, all the employees and project staff of ICAR-CAFRI took Vigilance Pledge for a corruption-free environment in the Institute and in the Society.



- Under the One Month-One Lab (OM-OL) program, 50 students from P.K. University, Shivpuri, visited the institute Tree Physiology Lab and also participated in the celebration of Agricultural Education Day



- On the eve of National Agricultural Education Day (3 December) and World Soil Day (5 December), ICAR-CAFRI, Jhansi did various activities including student visit, training, research review meetings, field research monitoring and also enabled local artisans to develop agroforestry models. The attraction was Shri Brindavan Rajpoot, Village Raheliya, District Mohaba, Uttar Pradesh who established a live model of agroforestry



- The World Soil Day was celebrated today - on 5 December 2024 at ICAR- CAFRI Jhansi with great enthusiasm. The theme for 2024 is "Caring Soils: measure, monitor and manage" The function was presided over by the Director Dr Arunachalam. In total 70 persons including scientists, staff members and research scholars attended the program.
- Dr Nishi Rai, Head KVK, Jhansi visited ICAR-CAFRI today as Chairperson ICC & Graced the occasion as Guest of Honour. Also delivered a talk on Science Communication in relation to farmers' benefit.



Events Organized

- Dr. RP Dwivedi, Dr. Sushil Kumar, Dr. Ashok Yadav, Dr. Priyanka Singh, and Sh. Rajesh Srivastava organized a “three-day training program on the budding of improved varieties from 16 to 18th July 2024, proposed at Shivrampur-Ubaura village of Niwari district of M.P.
- Dr. Priyanka Singh, Dr. Bijoy Chanda, Miss. Akanksha Jain and Prashant Kumar Organized Van Mahotsava program, and distributed tree saplings among farmers in Kharag village of Datia district, Madhya Pradesh on 24th July 2024, and also, demonstrated tree plantation techniques.
- Dr. RP Dwivedi, Dr. Ashok Yadav, Dr. Priyanka Singh, and Mrs. Syamili MS organized MG-MG, OM-OD, and field demonstration with a group of farmers in Luhargaon village, Ranipur in Mauraipur, Jhansi on 28th August, 2024.
- Dr. Priyanka Singh and Sh. Rajesh Shrivastava organized Mahila Kisan Diwas on 15th October 2024.
- Dr. Priyanka Singh, Dr. Bijoy Chanda, Miss. Akanksha Jain and Prashant Kumar organized Krishak Gosthi in Kharag village of Datia district, Madhya Pradesh on 24th July 2024 and created awareness about various tangible and intangible benefits of tree-based farming practices.
- Dr. RP Dwivedi, Dr. AK Handa, Dr. Priyanka Singh, and Dr. Bijoy Chanda organized Krishak Gosthi at ICAR-CAFRI, Jhansi on the importance of agroforestry practices among the farmers on 25th July 2024.
- Dr. RP Dwivedi, Dr. AK Handa, Dr. Priyanka Singh, Dr. Bijoy Chanda, and Mrs. Syamili MS organized Kisan Gosthi and interacted with farmers on 18th December 2024 at ICAR- CAFRI, Jhansi and discussed the Role of agroforestry in enhancing farmers’ income.
- Dr. RP Dwivedi, Dr. AK Handa, Dr. Hirdayesh Anuragi and Dr. Priyanka Singh organized National Farmers’ Day on 26th December 2024.
- Dr. RP Dwivedi, Dr. Ashok Yadav, Dr YN Venkatesh, and Dr. Bijoy Chanda Exhibited the ICAR-CAFRI Technologies during “Chara Mela” at ICAR-IGFRI, Jhansi on 8th November 2024.
- Dr. Hirdayesh Anuragi, Dr. AK Handa and Dr. A. Arunachalam have organized three days hands-on training on “Basic plant tissue culture techniques” during 22-24 October 2024 at ICAR-CAFRI, Jhansi for research scholars/project staff/students.
- Mr. Suresh Ramanan S, organized a three-day Training of Trainers program on Agroforestry and Nursery Accreditation at ICAR-CAFRI Jhansi from June 6 to 8th, 2024.
- Dr. A.K. Handa and Mr. Suresh Ramanan S, organized a virtual training program for state officials from Nagaland and Manipur focused on agroforestry nursery accreditation on July 23rd, 2024,
- Dr. A. K. Handa and Mr. Suresh Ramanan S, organized a Training of Trainers program on the Accreditation of Agroforestry Nurseries for Uttar Pradesh at ICAR-CAFRI from August 27 to 29th, 2024.

New Project

Development and implementation of seedling certification framework being implemented by ToFI-CIFOR-ICRAF (2024-25) – 22.60 lakhs

Research highlights

Under HPVANRG project, study on month-wise and seasonal variability in gum exudation in Palash (*Butea monosperma*) was concluded. The results revealed that gum exudation and its yield varies significantly in different months and seasons of the year. Maximum gum yield is obtained in the month of December (40.80g/ sample stem area) followed by January (39.5g) and February (26.1g). From December to June the gum yield declines reaching to the minimal in the month of July, August and September. The maximum potential total gum yield (613.5g/tree) was recorded in winter season (November to February) followed by summer (March to June) (223.4g/tree) and minimum (38.9g/tree) in rainy or monsoon season (July to October). The gum yield exponentially declined (R^2 0.851) with the increase in rainfall. Conclusively, the months of December and January of winter season are the best time to tap butea trees for maximum gum yield.

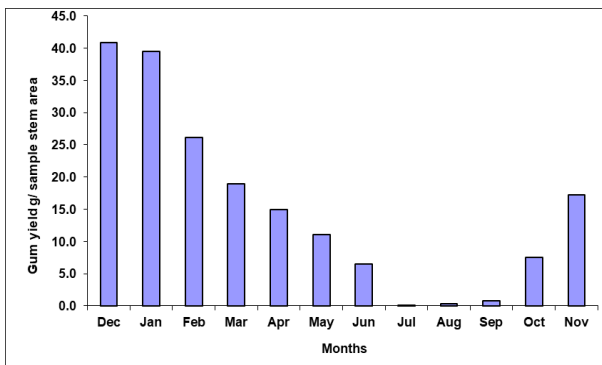


Figure 1. Month-wise pattern of gum exudation from *B. monosperma*

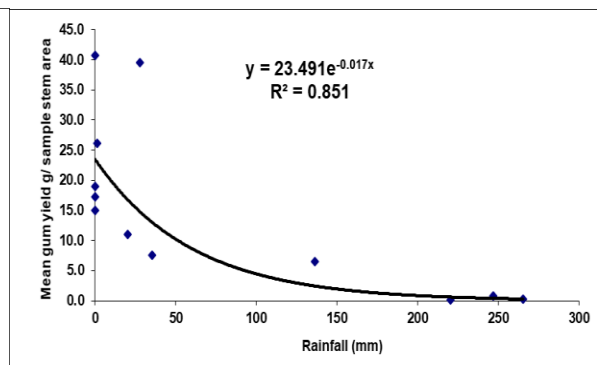


Figure 2. Relationship between rainfall and gum exudation in *B. monosperma*

Spiritual Plantations: Connecting People with Tree Outside Forests

An effort was made to create a document titled "Spiritual Plantations: Spiritually Connecting Science with Society". The document's goal is to evaluate and raise awareness about sacred trees, acknowledging the deep emotional bonds people have with them. By emphasizing these connections, the initiative aims to encourage planting tree outside the forest areas and promote agroforestry practices.



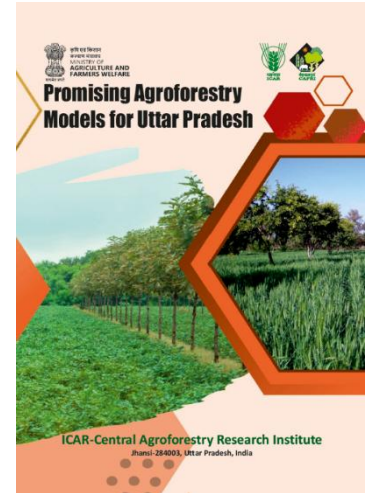
Spiritual Plantations
(Spiritually connecting Science with Society)
Suresh Ramanan S. A. Arunachalam and Ankit Verdyia



ICAR-Central Agroforestry Research Institute
Krishivaniki Vihar, Jhansi 284003, Uttar Pradesh, India

Promising Agroforestry Models: State-wise – initiative as nodal agency for agroforestry

The ICAR-Central Agroforestry Research Institute (CAFRI), serving as the national nodal agency for the agroforestry component of the *Rashtriya Krishi Vikas Yojana* (RKVY), has undertaken a significant initiative to promote sustainable agriculture through agroforestry. As part of this effort, CAFRI has published a series of documents showcasing promising agroforestry models developed across various states in India. These publications have been meticulously compiled with an academic spirit, drawing information from diverse credible sources and providing proper citations by A. Arunachalam, Suresh Ramanan S and A.K. Handa. The aim is to create a resource that not only spreads awareness but also serves as a practical tool for training stakeholders, including farmers, policymakers, and researchers. To date, 13 documents highlighting state-wise agroforestry models have been released. These models reflect region-specific adaptations and innovations in agroforestry, making them invaluable for those seeking to adopt sustainable and profitable agricultural practices. The initiative underscores CAFRI's commitment to advancing agroforestry as a means to achieve ecological restoration, enhance livelihoods, and support food security.



Participation in Training/Workshop/Meetings/Symposia, Conferences and HRD

- Dr. Priyanka Singh participated and presented a paper entitled “Adoption and social welfare impacts of natural resource management interventions: a case study from Bundelkhand region of Uttar Pradesh” at the 32nd International Conference of Agricultural Economists during the 2-7th August 2024 at NASC complex, New Delhi.
- Dr. Priyanka Singh participated and presented a paper at the national conference on Shaswat Srishti Sanrakshan “A Pledge for Protecting world against natural hazards: agro-biotechnological Approach during 23-24 August 2024 at ICAR-CAFRI, Jhansi.
- Syamili, M.S., participated as a delegate in National Conference on Shashwat Shrishti Sanrakshan, A pledge for protecting world against natural hazards: Agro-biotechnological approach, August 23-34 jointly organized by ICAR-CAFRI Jhansi, Save the Environment Kolkata/Gurugram, Indian Society of Agroforestry Jhansi, The Society for Science of Climate Change and Sustainable Environment New Delhi, and Sarvhit Kalyan Seva Samiti Meerut.
- Dr. Bijoy Chanda, delivered an Invited Talk during the session on "Computational Statistics: Theory and Application" at the Tenth International Conference on Statistics for the Twenty-First Century (ICSTC-2024), organized by the Department of Statistics, University of Kerala, held by December 13 to 16, 2024.
- Mr. Suresh Ramanan S, the organizing secretary, facilitated a three-day Training of Trainers program on Agroforestry and Nursery Accreditation at ICAR-CAFRI Jhansi. The program was attended by 35 participants from Maharashtra and Karnataka Forest Department and the inaugural session was graced by the presence of Sh. K.K. Singh, IFS, Chief Conservator of Forests in Jhansi, along with Dr. A. Arunachalam, Director of ICAR-CAFRI from June 6 to 8th, 2024.
- Mr. Suresh Ramanan S, Scientist at ICAR-CAFRI, participated in the Multi-Sectoral Stakeholders Consultation Workshop on the Indian Forest and Wood Certification Scheme (PRAMAN) held from June 10 to 11th, 2024.
- Mr. Suresh Ramanan S, Incharge of the ITMU at ICAR-CAFRI Jhansi, hosted an IP Awareness Week program on campus from June 12 to 19th, 2024, which was attended by 20 participants. The program centered on the theme of Copyright within the context of intellectual property.
- Mr. Suresh Ramanan S, the organizing secretary and resource person, participated in the two-day National Conference on June 18 and 19th, 2024, titled “Agro-ecological Basis of Agroforestry Interaction, Innovation and Incubation.” The event was supported by GIZ India, CIFOR-ICRAF India, and NABARD. The inaugural session featured Sh. A.K. Singh, Vice Chancellor of RLBCAU Jhansi, as the Chief Guest, while

Dr. S.K. Dhyani from CIFOR-ICRAF, Dr. Sanjay Tomar from GIZ, Sh. Bhupesh Pal from NABARD Jhansi, and Dr. Ayyanadar Arunachalam, Director of ICAR-CAFRI Jhansi, also participated and shared their insights on agroforestry.

- Mr. Suresh Ramanan S, attended an online meeting with the Central Silk Board on July 8, 2024.
- Dr. A.K. Handa and Mr. Suresh Ramanan S, organizing secretary ICAR-CAFRI conducted a virtual training program for state officials from Nagaland and Manipur focused on agroforestry nursery accreditation. A total of 30 participants from each state attended the program on July 23rd, 2024,
- Mr. Suresh Ramanan S, representative from ICAR-CAFRI, attended a one-day awareness program on ORCHIDS-INCUBNET services for scholarly communities at Babasaheb Bhimrao Ambedkar University in Lucknow, U.P, on August 10th, 2024.
- Mr. Suresh Ramanan S. Scientist, ICAR-CAFRI Jhansi attended the National Conference titled "*Shashwat Srishti Sanrakshan*" is set to take place on August 23-24th, 2024, at ICAR-CAFRI, Jhansi.
- Dr. A. K. Handa and Mr. Suresh Ramanan S, the organizing secretary conducted a Training of Trainers program on the Accreditation of Agroforestry Nurseries for Uttar Pradesh at ICAR-CAFRI. The program was attended by 23 forest officers from the state's forest department from August 27 to 29th, 2024.
- Dr. A. Arunachalam, Director of ICAR-CAFRI, Jhansi, served as the Course Director and was organized by Dr. A.K. Handa and Mr. Suresh Ramanan S, for a one-day training session on Ecological Niche Modelling which was conducted under the DST-National Mission for Sustaining the Himalayan Ecosystem (NMSHE) project on August 29th, 2024, at ICAR-CAFRI Jhansi.
- Mr. Suresh Ramanan S, Course Coordinator conducted a 21-day Capsule Course on Agroforestry R&D Methodologies from 16th August 2024 – 4th September 2024.
- Dr. A.K. Handa and Mr. Suresh Ramanan S, Scientist from ICAR-CAFRI Jhansi as organizing secretary, delivered a lecture during the Training of Trainers program on Nursery Assessment and Accreditation held in Assam. The program has participation from 29 officials and took place from September 26 to 28th, 2024.
- Mr. Suresh Ramanan S, a scientist at ICAR-CAFRI, Jhansi, and organizing secretary, delivered a lecture on the Accreditation Protocol for Agroforestry Nurseries in Mizoram state. The program was attended by 16 officials from the Directorate of Agriculture on September 30th, 2024.
- Dr. A.K. Handa, Principal Scientist at ICAR-CAFRI, served as the organizing secretary for a Training of Trainers program on Nursery Assessment and Accreditation held in Rajasthan. The program was attended by 20 officials from the Rajasthan state government and during the training Dr. Handa delivered a lecture on the accreditation protocol highlighting its critical role in improving nursery standards and practices in the region from October 6 to 8th, 2024.
- Mr. Suresh Ramanan S, a delegate from ICAR-CAFRI, attended a training workshop on Sustainable Landscape Approaches and Ecosystem Services organized by the GIZ team at Jhansi from October 15 to 17th, 2024.
- Mr. Suresh Ramanan S, scientist at ICAR-CAFRI delivered a lecture during the Training of Trainers program on the Accreditation of Agroforestry Nurseries held in Rajahmundry, Andhra Pradesh. The program took place on December 11 and 12th, 2024 and was attended by 15 participants.
- Mr. Suresh Ramanan S, scientist at ICAR-CAFRI, participated in a virtual meeting regarding the Project Implementation and Monitoring Committee (PIMC) for the NABARD-funded pomegranate project. This project focuses the "Development and Evaluation of Pomegranate-Based Agroforestry Systems in the Bundelkhand Region" aimed at enhancing productivity and economic returns for farmers on 23rd July 2024.
- Mr. Suresh Ramanan S., Incharge of the ITMU, organized a virtual ITMC meeting on July 24, 2024, which was attended by seven participants. The meeting focused on various topics related to the project's implementation and monitoring and facilitating discussions among the participants.
- Mr. Suresh Ramanan S. attended the ISAF New Executive meeting virtually on August 1, 2024.
- Mr. Suresh Ramanan S. participated in an online meeting of the National Nursery Assessment and Accreditation Committee (NNAAC), which included ten participants on August 16, 2024.
- Mr. Suresh Ramanan S, a scientist at ICAR-CAFRI, participated in an online meeting with Teo Ventures to discuss initiatives related to Biochar and carbon sequestration. The meeting included six participants and

focused on exploring collaborative efforts to enhance the effectiveness of these environmental strategies on August 29, 2024.

- Mr. Suresh Ramanan S, the Principal Investigator of the UPCAR project at ICAR-CAFRI, attended a project review meeting at RLBCAU in Jhansi on October 16, 2024.
- Mr. Suresh Ramanan S, Incharge ITMU, organized a virtual ITMC meeting. The meeting focused on the implementation and monitoring of the project with participants engaging in discussions to promote effective communication and collaboration on December 3, 2024.
- Mr. Suresh Ramanan S participated in an online webinar titled Shaping India's Carbon Market, organized by the Centre for Science and Environment on August 13, 2024.
- Mr. Suresh Ramanan S delivered a lecture on the basic design and development of agroforestry systems specific to the Indian subcontinent at the Kumaraguru Institute of Agriculture in Tamil Nadu. Nearly 86 participants attended the program on July 9, 2024.
- Mr. Suresh Ramanan S delivered a lecture as a resource person for the JICA Workshop on Biodiversity Conservation and Livelihood Improvement, which virtually attracted over 50 participants on July 30, 2024.
- Mr. Suresh Ramanan S, in charge ABIC at ICAR-CAFRI Jhansi, organized the National Level Ideation Challenge 2024, inviting undergraduate and postgraduate students, researchers, and scientists to share their insights and ideas on the challenges faced by farmers. Participants were required to submit their presentations by July 28, 2024, with the results announced on August 24, 2024. The event saw participation from over 35 participants from 10 different states.
- Mr. Suresh Ramanan S, Scientist, ICAR-CAFRI Jhansi, organized an Entrepreneurship Development Program via hybrid session titled "Developing Business Opportunities in Agroforestry: Learning from the Consortium of Industrial Agroforestry Success Story from Tamil Nadu." The session saw participation from over 52 persons on 30th July, 2024.
- Dr. Ashok Yadav delivered the oral presentation on "Neglected and Underutilized Horticultural Crops of Bundelkhand Region: Status, Importance, Conservation, and Their Traditional Knowledge" in the national conference on Shaswat Shristi Sanrakshan: A pledge for protecting the world against the natural hazards: Agri-Biotechnological Approaches jointly organized by STE, ICAR-CAFRI Jhansi, ISAF, SSCCE, SKSS and Bundelkhand University Jhansi from 23-24 August 2024.
- Dr. Ashok Yadav delivered the lecture on "Latest technologies for quality honey production" in the awareness workshop on the promotion of horticulture crops Organized by the State Horticultural Co-operative Marketing Federation (HOFED) in auditorium Jhansi, U.P. on 24.09.2024
- Dr. Ashok Yadav attended a one-day online brainstorming meeting on enriching the technical knowledge of the staff of the Horticulture Department on 4th December 2024, organized by the Department of Horticulture and Food Processing department.
- Dr. Ashok Yadav delivered a radio talk on potential fruit crops for the Bundelkhand region under the Kissanvani Programme on Special Sangosthi on National Farmers Day on Kissan Ki Pragati: Desh Ki Unnati on 19th December 2024 at Akashvani Jhansi.
- Dr. A. Arunachalam, Ashok Yadav, and R.P. Dwivedi presented the poster on "AMMA: Agroforestry for Mitigating Malnutrition and Adaptation" in the national conference on shaswat Shristi Sanrakshan: A Pledge for Protecting World against the natural hazards: Agri-Biotechnological Approaches jointly organized by STE, ICAR-CAFRI Jhansi, ISAF, SSCCE, SKSS and Bundelkhand University Jhansi from 23-24 August 2024.
- Dr. A. Arunachalam, R.P. Dwivedi and Ashok Yadav presented the poster on PAPA: Promoting Agroforestry for Plantation in Agricultural-Lands in the national conference on shaswat Shristi Sanrakshan: A pledge for protecting world against the natural hazards: Agri-Biotechnological Approaches jointly organised by STE, ICAR-CAFRI Jhansi, ISAF, SSCCE, SKSS and Bundelkhand University Jhansi from 23-24 August 2024.
- Dr. Ashok Yadav attended the FSPF-DPR Review Meeting with Project Implementing Agencies (PIA's) organized by the NABARD Regional Office in Lucknow on 5 July 2024.
- Dr. Ashok Yadav organized and attended the project implementation and monitoring meeting (PIMC) on July 23rd, 2024, under the NABARD-funded pomegranate project, i.e. "Development and evaluation of

pomegranate-based agroforestry systems in Bundelkhand region for higher productivity and economic returns in the farmer's field.

- Dr Sushil Kumar, participated in the National Conference on Shashwat Srishti Sanrakshan “A Pledge for Protecting World against Natural Hazards: Agro-Biotechnological Approach” held at ICAR-CAFRI, Jhansi, Uttar Pradesh (August 23-24, 2024).
- Dr. Hirdayesh Anuragi participated in the National Conference on Shashwat Srishti Sanrakshan ‘A Pledge for Protecting World against Natural Hazards: Agro-Biotechnological Approach’ organized by STE, CAFRI, ISAF and SSCE societies at ICAR-CAFRI, Jhansi on 23-24 August, 2024
- Dr. Hirdayesh Anuragi participated in the International Conference on Advancements in Basic Science, Environmental Studies, and Traditional Medicine for Translational Drug Discovery and Development (TMT3D-2024) jointly organized by BHU, Varanasi and NESI, New Delhi, during 21-23 November, 2024 at BHU, Varanasi
- Dr. Sukumar Taria delivered an oral presentation on “Regulation of Shade Responses in Crops- An Agroforestry Standpoint” during National Conference on Shashwat Srishti Sanrakshan- “A pledge for Protecting World against Natural hazards: Agro-Biotechnological Approach” held on 23-24th August, 2024, jointly organised by Save The Environment (STE), Kolkata/Gurugram and ICAR- Central Agroforestry Research Institute, Jhansi, Uttar Pradesh.
- Dr. Sukumar Taria delivered an oral presentation on “Genetic analysis of stem reserve mobilization from component parts of the main culm to grains in wheat (*Triticum aestivum* L.) under combined heat and drought stress” during the International Conference on Nature, Science, and Modern life Style: Issues and Perspectives, held on 28-29th December, 2024 at Lucknow, organized by Sarvhit Kalyan Seva Samiti, Meerut.
- Dr. Sovan Debnath attended the National Conference on Shashwat Srishti Sanrakshan: A Pledge for Protecting the World against Natural Hazards through an Agro-Biotechnological Approach organized by Save the Environment, Kolkata/Gurugram held on 23-24 August, 2024 at ICAR-CAFRI, Jhansi
- Dr. Sovan Debnath attended the ‘Global Soils Conference 2024’ Caring Soils Beyond Food Security: Climate Change Mitigation & Ecosystem Services organized by the Indian Society of Soil Science held on 19-22 November 2024 at NASC Complex, New Delhi
- Dr. Asha Ram participated and presented a paper (oral) entitled “Drone application in agriculture and agroforestry” at National Conference on “Agro-ecological Basis of Agroforestry: Interaction, Innovation and Incubation” held during 18-19 June 2024 and organized by the Indian Society of Agroforestry & ICAR-Central Agroforestry Research Institute, Jhansi-284003, Uttar Pradesh, India.
- Dr. Asha Ram participated and present paper (poster) entitled “Fine Root Distribution Pattern and Nutrient Dynamics in *Tectona Grandis* L.-based Agri-Silviculture System in Semi-Arid Conditions of Central India” in Global Soils Conference 2024 “Caring Soils Beyond Food Security: Climate Change Mitigation & Ecosystem Services” 19-22 November 2024 NASC Complex, New Delhi.
- Dr. Asha Ram participated in “Bhujal Gosthi” organised by Commissioner of Jhansi Division on 16.07.2024.
- Dr. Asha Ram participated and presented paper (oral) entitled “Light interception, growth and yield of wheat in *Melia dubia*-wheat agroforestry system in semi-arid conditions” in “National Conference on Shashwat Shrishti Sanrakshan- A Pledge for protecting world against Natural Hazards: Agro-Biotechnological Approach” during 23-24 August, 2024 at ICAR-CAFRI, Jhansi.
- Dr. Asha Ram participated in three days training program on “sustainable landscape approaches and ecosystems services” during 15-17 October 2024 at Jhansi. Training was organized by GiZ | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, India.
- Dr. Asha Ram delivered lecture on “Quantification of ecosystem services in agroforestry system” in the Training workshop on carbon farming and assessment of ecosystem services during 25-27 November 23024
- Dr. Asha Ram & Dr Naresh Kumar organized a two-day training program on “Best Management Practices for prominent agroforestry models of Bundelkhand region” on 21-22 August 2024 at ICAR-CAFRI, Jhansi.
- Dr. Asha Ram & Dr Naresh Kumar organized a two-day training program on “Best Management Practices for prominent agroforestry models of Bundelkhand region” from 27th to 28th September 2024 at ICAR-CAFRI, Jhansi, U.P.

- Dr. Asha Ram & Dr Naresh Kumar organized a one-day training program on “Promotion and adoption of agroforestry and related interventions” on 1st October 2024
- Dr. Asha Ram & Dr Naresh Kumar organized a one-day training program on “Promotion and adoption of agroforestry and related interventions” on 3rd October 2024
- Dr. Badre Alam delivered oral presentation on “Perspectives of *Pongamia pinnata* as a tree resource towards ecosystem services and saving the environment from degradation” during National Conference on Shashwat Srishti Sanrakshan held at ICAR-CAFRI, Jhansi on 23-24 August, 2024, jointly organised by Save The Environment (STE), Kolkata/Gurugram and ICAR- Central Agroforestry Research Institute, Jhansi, Uttar Pradesh
- Dr. Badre Alam and Dr. Rajendra Prasad and jointly organized a three-day training workshop on “Carbon Farming and Assessment of Ecosystem Services” from 26-28th November 2024 at ICAR-CAFRI, Jhansi.
- Dr. Rajendra Prasad and Dr. Sovan Debnath Jointly organized training in the soil science lab while Dr. Ashok Yadav conducted training in the Horticulture lab in the month of September 2024 under a month-one lab training program.
- Dr. Rajendra Prasad attended the Global Soils Conference 2024 “Caring Soils Beyond Food Security - Climate Change Mitigation & Ecosystem Services” held during 19-24 November 2024 at NASC New Delhi, organized by the Indian Society of Soil Science Under the aegis of International Union of Soil Sciences in collaboration with Indian Council of Agricultural Research and National Academy of Agricultural Sciences.
- Dr. Rajendra Prasad attended the annual workshop of the HPVANRG project held online on 20 December 2024 and presented a progress report for ICAR-CAFRI Jhansi. The workshop was organized by ICAR-NISA Ranchi.
- Dr. Badre Alam participated in the 16th Annual Workshop of Network Project on HPVA of NRG on 20th December 2024 (online) organized by ICAR-NISA, Ranchi, Jharkhand.
- Dr. Naresh Kumar participated in a three-day training program on “sustainable landscape approaches and ecosystems services” from 15-17 October 2024 at Jhansi. The training was organized by GiZ | Deutsche Gesellschaft für Internationale Zusammenarbeit (GIZ) GmbH, India.
- Dr. Naresh Kumar delivered a lecture on the topic “Fodder tree leaves feeding in goat” in EDP Training cum Workshop On “Commercial Goat Production: Potential for Entrepreneurship 18-23 Sep. 2024” organized by ICAR-IGFRI, Jhansi

IPR Registry

- Copyright Registration of the ICAR-CAFRI ANNUAL REPORT Template - Registration#L-134173/2023
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- Trade Mark Registration of CAFRI in respect of Good and Service with unique Logo – Trade Mark#5010470 & #5010471

Certified Technologies by ICAR

Technology

- Package of practice for strawberry production in Bundelkhand (#ICAR-NRM-CAFRI-Technology-2024-066)

Methodology

- Accreditation Protocol for Agroforestry Nurseries (#ICAR-NRM-CAFRI-Methodology-2024-061)
- Techniques for area estimation of agroforestry in India (#ICAR-NRM_Methodology-2024-065)

Product

- Development of an android-based ‘Learn Agroforestry’ mobile *app* for capsule course on agroforestry (#ICAR-NRM-CAFRI-Product-2024-063)

Others

- Agroforestry Extension Framework (#ICAR-NRM-CAFRI-Methodology-2024-069)
- Package of Practice for 'Har med par ped' (#ICAR-NRM-CAFRI-Methodology-2024-071)
- Protocol for agroforestry entrepreneurship training (#ICAR-NRM-CAFRI-Protocol-2024-068)

Publications

Books

1. Kumar, S., Alam, B., Taria, S., Singh, P., Yadav, A., and Arunachalam, A. Agroforestry Solutions for Climate Change and Environmental Restoration. Springer Singapore, Edition 1, 529 p.
2. Dey, D., and Arunachalam, A. Sustainable and Traditional Environmental Conservation in Asia. Springer Singapore. 182 p <https://doi.org/10.1007/978-981-97-1806-1>
3. Latha, P., Thilagavathi, R and A. Arunachalam (2024) 'Payir Noyiyel in Tamil (=Plant Pathology in English), Agricultural Scientific Tamil Society (SciTSA); ISBN 978-93-91853-94-5
4. Kirupa, M., Thilak, M., Sivakumar, P., Balasubramanian, A. and A. Arunachalam (2024) 'Kaanagaviyal' in Tamil (=Forestry in English), Agricultural Scientific Tamil Society (SciTSA); ISBN 978-93-91853-52-5

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- Arunachalam, A., Ramanan S.S., and Handa, A.K. 2024. Amendment to National Biological Diversity Act: loaded provisions and a few concerns, *Current Science* 126 (11): 1319-1320.
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- Yadav SL, Debnath S, Singh Y, Singh SK, Devi YB, Ghosh A, Ram A, Kumar S, Arunachalam A. (2024). Influence of Varied Nutrient Management Strategies on Yield, Nutrient Absorption and Grain Protein Content in Chickpea (*Cicer arietinum* L.). *Indian Journal of Agricultural Research*. A-6255 [1-7]. 10.18805/IJARE.A-6255

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- Foresighting National Agroforestry Policy for Fostering Green Development. Policy Paper # 2, ICAR-Central Agroforestry Research Institute, Jhansi; 18p.
- The success of a national agroforestry policy in India has become a model for other countries. Policy Brief (September 2024). DOI: oil.org/10.17528/cifor-icraf/009240; 8 p.

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- Anuragi H, Ramanan SS, Arunachalam A. and Rajarajan K. (2023). Palash (*Butea monosperma*) [monograph], ICAR-Central Agroforestry Research Institute, Jhansi 284003, Uttar Pradesh, India. pp:1-128. [ISBN: 978-81-965258-8-0 & eISBN: 978-81-965258-3-5].
- Arunachalam A, Ramanan SS, and Handa AK. (2024). Agroforestry in the context of Climate Change for Future Agriculture. In: Shelat, Kirit, Shrikant Kalamkar, A.R. Pathak and Odemari Mbuya (2024). (Eds), "Future Agriculture—'Viksit Bharat', Allied Publishers Pvt. Limited, Noida. ISBN: 978-93-89934-43-4
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Awards/Recognition/others

PhD Award

- Suresh Ramanan S (2024; Awarded PhD in Forestry at Mizoram University) Ecological Prospecting of Genus *Melia* in India. (Supervisor: Dr. A. Arunachalam and Co-Supervisor: Dr. U.K. Sahoo)

Awards & Recognition

- Dr. A. Arunachalam, Director, CAFRI conferred the STE Dr. Praloy O. Basu Lifetime Achievement Award-2024, Save the Environment (STE), Kolkata

- Dr. A. Arunachalam, Director, CAFRI conferred the Innovative Researcher of the Year 2024 by the Scientific Laurels Committee
- Mr. Suresh Ramanan S received the best oral presentation award at the International Conference on the Impact of Climate Change on Biodiversity from July 11 to 13, 2024.
- Dr. Ashok Yadav received the best post award at the national conference on Shaswat Shristi Sanrakshan. A pledge for protecting the world against natural hazards: Agri-biotechnological approaches jointly organized by STE, ICAR-CAFRI Jhansi, ISAF, SSCCE, SKSS, and Bundelkhand University during 23-24 August 2024.
- Dr. Sukumar Taria, conferred with best oral presentation during National Conference on Shashwat Srishti Sanrakshan- “A pledge for Protecting World against Natural hazards: Agro-Biotechnological Approach” held on 23-24th August 2024, jointly organized by Save The Environment (STE), Kolkata/Gurugram and ICAR- Central Agroforestry Research Institute, Jhansi, Uttar Pradesh.
- Dr. Hirdayesh Anuragi, Sneha Jain, AK Handa, and A Arunachalam received the first prize in a scientific poster presentation on ‘Rapid and effective in-vitro regeneration protocol for direct organogenesis in *Butea monosperma*’ during Hindi Pakhwada (14-30 September 2024) organized by ICAR-CAFRI, Jhansi on 24 September 2024.
- Dr. Ashok Yadav received 2nd prize in a poster presentation on “Bael Gond Ke Phytochemicals, Antioxidant Aur Antidiabetic Guno Ka Mulayankan Aur LC-MSMS Vidhi Ke Madhyam Se Bioactive Compound Profiling” in Hindi Pakhwada organized by ICAR-CAFRI Jhansi on 14-30th September 2024.
- Sonwalkar PM, Yadav A, and his team received 3rd Prize in poster presentation on “Chironji {*B. cochinchinensis* (Lur) Almeida} Ke Vibhinn Janandravyo Ka Bundelkhand Ki Ardh Sushk Paristhityuo Me Mulyankan” in Hindi Pakhwada organized by ICAR-CAFRI Jhansi on 14-30th September 2024.
- Dr. Hirdayesh Anuragi was honored with “NESA Best Scientist Award 2024 by the National Environmental Science Academy, New Delhi, India, during an international conference on TMT3D-2024 (21-23 November 2024) at BHU Ccampus, Varanasi.
- Dr. Ashok Yadav received Best Employee of the Month on 2nd December 2024
- Dr. Sukumar Taria, conferred with the best oral presentation during the International Conference on Nature, Science, and Modern life Style: Issues and Perspectives, held on 28-29th December 2024 at Lucknow, organized by Sarvhit Kalyan Seva Samiti, Meerut.
- Dr. Sukumar Taria, conferred with SKSS Young Scientist Award-2024 during the “International Conference on Nature, Science, and Modern Life Style: Issues and Perspectives”, held on 28-29 December 2024 at PMS, Lucknow, organized by Sarvhit Kalyan Seva Samiti, Meerut.
- Dr. Raghunandan Prasad Dwivedi, Principal Scientist, Agricultural Extension, ICAR-CAFRI, Jhansi Conferred with SKSS Lifetime Achievement Award-2024 during “International Conference on Nature, Science, and Modern life Style: Issues and perspectives”, held on 28-29 December 2024 at PMS, Lucknow, organized by Sarvhit Kalyan Seva Samiti, Meerut.
- Dr. Ashok Yadav received the 1st rank for upholding the spirit of cleanliness in the seating room under the Swachhhta Assessment competition organized by ICAR-CAFRI Jhansi, U.P.



Programs under Rajbhasha, ICC and others

- ICAR-CAFRI organized Hindi Pakhwada on 14-30 September 2024 in which various competitions were held for the staff of CAFRI.
- Institute Joint Staff Council (IJSC) Meeting held on 01.08.24
- Institute Joint Staff Council (IJSC) Meeting held on 01.10.24
- The Internal Complaints Committee (ICC) meeting held on 01.08.24
- The Internal Complaints Committee (ICC) meeting held on 10.12.24
- The Internal Complaints Committee (ICC) organized a workshop on sexual harassment of women at the workplace held on 10.12.24
- ICAR-CAFRI organized the *Swatchhta hi Seva Abhiyaan* from 17 September to 2nd October 2024
- ICAR-CAFRI organized the Special Cleaness Program from 2nd to 31st October 2024
- ICAR-CAFRI organized the *Swatchhta Pakhwada* activity from 16 to 31st December 2024.



Personnel

New Personnel

- Mrs. Syamili M. S., Scientist (Agroforestry) joined on 19th August 2024.
- Sh. Anil Kumar, Senior Technical Officer, joined on 1st August 2024
- Sh. Rahul Kumar Suraj (Assistant), joined on 10th August 2024
- Sh. Vaibhav Butola, (Assistant), joined on 4th November 2024

Retirement

- Sh. Munna Lal, Skilled Supporting Staff (SSS) retired on 31st July 2024.

Transferred

- Dr. Alka Bharti, December 2024



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