



AMRITA
VISHWA VIDYAPEETHAM
DEEMED TO BE UNIVERSITY UNDER SECTION 3 OF UGC ACT, 1956

**SCHOOL OF
AGRICULTURAL SCIENCES**
Arasampalayam, Coimbatore Campus

ASA BIMONTHLY E-NEWSLETTER

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November - December 2025

"There is the path of karma, selfless action, the path of love and devotion, the path of training the mind and the path of Yoga, mantra and tantra this is what the various saints advocated"

Amma, Sri Mata Amritanandamayi Devi

Chancellor, Amrita Vishwa Vidyapeetham



II. COLLEGE ACTIVITIES

1. Student READY- RAWE Programme 2022 Batch

a. RAWE Village Attachment and Plant Clinic

As part of the RAWE Village Attachment (December 1 to 8, 2025) programme, students were involved in conducting various farmers' need-based demonstrations in their allotted village panchayats with community participation. Throughout this period, students actively engaged with the local environment, precisely collecting data on various symptoms exhibited by crops related to pests, diseases, nutrient deficiency, physiological disorders, and weeds. Students skillfully identified the underlying causes of these issues and in collaboration with the ASA faculty team and subject matter specialists, developed scientific recommendations for the farmers. The course teachers, Dr. Sudheesh Manalil, Dr. Sivaraj P, and Dr. Sathyapriya E, regularly monitored and evaluated students' activities in their respective villages.

ARASAMPALAYAM & KONDAMPATTY



VADASITHUR & KURUNELIPALAYAM



ANDIPALAYAM & KAPPALANKARAI



DEVANAMPALAYAM & KULATHUPALAYAM



CHETTIKAPALAYAM & KOTHAVADI



MYLERIPALAYM & SOLAVAMPALAYAM



VADAPUDUR & KUTHIRALAYAMPALAYAM



SOKKANUR & POTTAIANDIPURAMBU



Singaiyanpudur, Tamil Nadu, India
Rv8h+747, Sokkanur Rd, Singaiyanpudur, Tamil Nadu 642109, India
Lat 10.811657° Long 76.921755°



Kinathukadavu, Tamil Nadu, India
St. No. 395, muthu Goundanoor, Sokkanur Rd, Po, Kinathukadavu, Tamil Nadu 642110, India
Lat 10.79099° Long 76.93085°



Sokkanur, Tamil Nadu, India
Prem Sakshi Rose Garden, 3-162 Nanjappa Gounder Thattam, Sokkanur, Tamil Nadu 642109, India



Kinathukadavu, Tamil Nadu, India
St. No. 395, muthu Goundanoor, Sokkanur Rd, Po, Kinathukadavu, Tamil Nadu 642110, India

10 NO. MUTHUR & GOVINDAPURAM



Muthur, Tamil Nadu, India
Vadakkijalayem - Kinathukadavu Rd, Muthur, Tamil Nadu 642109, India
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Saturday, 15/11/2025 01:01 PM GMT +05:30



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Coimbatore, Tamil Nadu, India
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Thursday, 27/11/2025 12:20 PM GMT +05:30



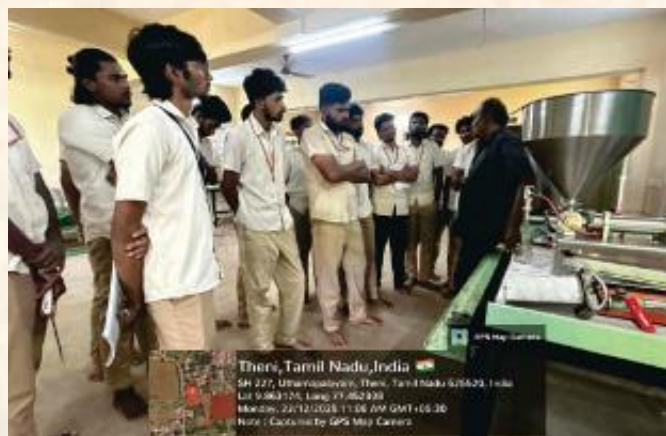
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Wednesday, 19/11/2025 01:00 PM GMT +05:30

SULAKKAL & DEVARAYAPURAM



b. KVK Attachment

As part of the RAWE programme, from December 8th to December 28th, 2025, students were placed with the Krishi Vigyan Kendras (KVKs) in Ariyalur, Coimbatore, Karaikal, and Theni. Students learned about the KVK mandate activities, role, and extension mechanisms. Also, students engaged themselves in technology dissemination through farmers' training and technology assessment through field visits with the help of KVK Heads and Subject Matter Specialists (SMS) of KVKs. The course teachers, Dr. Sudheesh Manalil, Dean, Dr. P. Sivaraj, and Dr. E. Sathyapriya, Assistant Professors (AEX), organized this attachment.



2. Hands-On Paddy Cultivation and Yield Assessment Training at Walayar

At Walayar, ASA students cultivated rice crop and received comprehensive hands-on training in both the cultivation and harvesting of paddy. Students also conducted crop-cutting experiments and practiced yield estimation and prediction based on acreage, following the standard methodologies used by the Statistical Department and the Agricultural Department for scientific yield assessment and forecasting on 18th November 2025.



II. COLLEGE ACTIVITIES

1. ASA Students South Zone 2025 Participation

Students from Amrita School of Agricultural Sciences participated in the 39th AIU's Inter-University South Zone Youth Competition held at Hindustan University, Chennai, from 19th December 2025 to 23rd December 2025. Students from the School of Agricultural Sciences were nominated in the category of Folk Orchestra, Mime, and Folk dance to AIU's 39th Inter-University South zone youth festival. All the participating teams demonstrated commendable enthusiasm, discipline, and cultural spirit throughout the competition. Among the nominated events, the folk dance team delivered an outstanding performance and secured second prize and overall dance category first runner - up at the South Zone level. The competition witnessed participation from several universities across the South Zone, making it a highly competitive and prestigious event. The folk dance team presented a vibrant and captivating performance, highlighting India's rich cultural heritage and showcasing exceptional teamwork, rhythm, and artistic excellence. Their achievement reflected the students' dedication, perseverance, and ability to balance academics with co-curricular activities. The student winners were Vismaya P, Nandana S, Malavika V Nair, Ananya R Krishnan, Vijay J, Harigovind M Panicker, Smera P S, Devananda S P, Nandana S, Aathmasree K A, Adithya S, Easwaran Nampoothiri K V & S Devanarayanan of the 2024 batch, Namitha Prasad (2022 batch), and Aiswarya Thampi S (2023 batch).



2. Active Participation of Amrita School of Agricultural Sciences at Samskrita Bharati Event

Amrita School of Agricultural Sciences actively participated in the Samskrita Bharati event from 7 to 9 November 2025 by setting up a tender coconut parlour and offering vegetable seeds and freshly harvested produce for sale for the needy, all cultivated by best management practices. Students also took part in the event by visiting and engaging with various exhibitions.



3. Participation at South India Natural Farming Summit 2025

The students of ASA participated in the South India Natural Farming Summit 2025 on 19 to 21 November, 2025 at CODISSIA, a prestigious platform that brings together academicians, industry experts, innovators, and policymakers. As part of the event, ASA represents and display exhibition stall for participant view. Through this, students actively engaged in presenting departmental activities, interacting with visitors, and gained practical exposure to event management and professional communication. This hands-on experience significantly enhanced their confidence and organizational skills.

The Natural farming summit 2025 gained national importance as it was organized in the esteemed presence of the Honourable Prime Minister of India Shri Narendra Modi, who inaugurated the program and delivered special address to the growers and participants. Also, Tamil Nadu Governor, R. N. Ravi, visited our stall specifically, spent considerable time interacting with our students and faculty, and showed notable interest compared to other stalls. This event arranged and organized by Dr. Sudheesh Manalil, Dean ASA, Dr. Marthandan, Assistant Professor (SST) and students.



Tamil Nadu Governor, R. N. Ravi, visited our stall and interacted with students and staff

1. **Dr. K. Murugasridevi**, Assistant Professor (Agricultural Entomology), **Dr. Manivasagam V S**, Assistant Professor (Agriculture Informatics), and **Dr. Sudheesh Manalil**, Dean, ASA, have published a research article entitled “Spatial prediction of *Spodoptera frugiperda* expansion in India using MaxEnt under shifting climate regimes” *Scientific Reports*, 2025. <https://www.nature.com/articles/s41598-025-22589-9>

Article | [Open access](#) | Published: 04 November 2025

Spatial prediction of *Spodoptera frugiperda* expansion in India using MaxEnt under shifting climate regimes

[Kalirajan Murugasridevi](#) , [V. S. Manivasagam](#)  & [Sudheesh Manalil](#)

Scientific Reports **15**, Article number: 38632 (2025) | [Cite this article](#)

2. **Dr. Sankararaman H**, Assistant Professor (Agricultural Entomology), has published a review article entitled “Review of the Indian species of *Metadon* Reemer, 2013 (Diptera: Syrphidae: Microdontinae), with description of two new species”. *Zootaxa*, 5737 (4), 509–532. <https://doi.org/10.11646/zootaxa.5737.4.3>



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Review of the Indian species of *Metadon* Reemer, 2013 (Diptera: Syrphidae: Microdontinae), with description of two new species

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3. **Dr. Parthasarathy S**, Assistant Professor (Plant Pathology) presented an IEEE conference paper titled “A Deep Learning Based Detection and Severity Grading of Grape Downy Mildew: Architectural Evaluation and Deployment on Mobile Application” as a part of ANRF Project at the International Conference on Signal Processing, Computation, Electronics, Power and Telecommunication held at National Institute of Technology-Puducherry, Karaikal, during 06-07 December, 2025.



4. **Dr. Parthasarathy S**, Assistant Professor (Plant Pathology) and **Mr. Kannan M** presented an IEEE conference paper titled “YOLOv11 Deep Learning Approach Based Stage-Wise Real-Time Detection of Groundnut Leaf Spots and Rust Diseases” as a part of ANRF Project at 17th IEEE International Conference on Computational Intelligence and Communication Networks 2025” held at National Institute of Technology-Goa (NIT Goa) during 20-21 December, 2025.



5. **Dr. Pran M**, Assistant Professor, was invited to be a judge at the International Conference on One Health, organized by Project One Health, which took place on November 2, 2025.



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