

# Anu V

## Assistant Professor

### Department of Agronomy

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#### Summary

I have worked in the extension system of Kerala Agricultural University at KVK Kannur in the initial 4 years and had been involved in nutrient management and climate resilient projects of ICAR. In the four years of my career I have been constantly linked with farmer extension services and involved in utilising current research data in organising On farm testing and Front line demonstrations. I have contributed immensely in implementing climate resilient agronomic approaches in mitigating adverse weather situations in farmers field, as the nodal officer in ICAR CRIDAs prestigious project 'National Innovations in Climate Resilient Agriculture' and also in CFLD Pulses and Oilseeds project of ICAR. My work in MSc on biofertilisers have also contributed to the effective implementation of organic farming practices as part of PKVY project in Kannur district. I have also played a critical role in popularising latest KAU and ICAR technologies including latest paddy and tuber varieties in Kannur district. Ensuring supply of planting materials through participatory production had also benefitted farmers of kannur District. On joining College of Agriculture, Vellayani I am looking forward towards extending teaching and research skills. I have enrolled as a Ph. D research scholar in 2023 and rejoined as Assistant professor, handling academic duties as well as involved in the doctoral research work

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#### Research/Extension Highlights

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- Nodal officer for ICAR -CRIDA's Nicra project, CFLD Pulses, CFLD Oilseeds and PKVY project implemented in Kannur district by KVK Kannur
  - Organised Capacity building programmes for farmers in connection with ICAR projects of NICRA, PKVY, CFLD Pulses and CFLD Oilseeds
  - Involved in Participatory Seed Production programmes of Tuber through KVK Kannur in collaboration with CTCRI
  - Nodal officer in implementing BLAKC in Irikkur block of Kannur District during 2021-22
  - Course coordinator in Integrated nutrient management Training programme for 3 batches organised by CTI, Mannuthy
  - PI in Station funded project - Effect of exogenous melatonin application on root architecture and nodulation of black gram under drought stress
  - PI in KERA project- 'Development of AEU Based PoP recommendations for major crops of Kerala'
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#### Experience

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Joined Kerala Agricultural University as Assistant Professor (Agronomy) in the year 2019

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## Education

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- Graduated in Agricultural Science from Kerala Agricultural University (2001)
  - Post Graduation in Agriculture (Agronomy) from Kerala Agricultural University (2003)
  - Currently pursuing Ph. D in Agronomy.
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## Area of Specialization

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Integrated Nutrient Management for Climate Resilient Agriculture

## Research/Extension Projects

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- **Ongoing**
  - PI in Station funded project - Effect of exogenous melatonin application on root architecture and nodulation of black gram under drought stress
  - PI in KERA project- 'Development of AEU Based PoP recommendations for major crops of Kerala'
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## Completed

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- Evaluating the performance of newly released rice variety Purnami in different Agroecological unit of Kerala-State Plan Project
  - Strengthening, Procurement, Processing and Value Addition of Paddy for improving farmers income through Mayyil Rice Producers Company -State Plan Project
  - Mass production of Beauveria, Lecanicillium- Internal Resource mobilization-RF-KAU
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## Publications

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### Research Articles

1. Anu, V., Elizabeth Syriac, K., Poornima Yadav, P. I. and Geethakumari, V. L. 2005, Growth characters of chilli (*Capsicum annuum* L.) as influenced by varying levels of fertilizers in combination with Fluorescent pseudomonas and Azospirillum. *Veg. Sci.*, 32: 150-153.
2. Mruthul, T., Halepyati, A. S., Chittapur, B. M., and Anu, V. 2023. Impact of weed management strategies on dry matter production and yield in sesame (*Sesamum indicum* L.). *Pharma Innov. J.*, 12(12): 2780–2784.
3. Rinsiya, V., Susha, V. S., Shalini Pillai, P., Ameena, M., Ambily Paul, and Anu, V. 2024. Effect of nano encapsulated pendimethalin on growth attributes of rice. *J. Adv. Biol. Biotechnol.* 27(11): 379–385.

### Popular Articles

1. Anu V, Manju K P. (2019) Nutrient management in rice farming . *Agrobios Newsletter*. 18(7): 21-22.
2. Anu,V, Das, S., Manju, K. P. (2020) Black rice- The incredible rice as new generation super food. *Kerala Karshakan* 7(7): 37-40.
3. Anu V, Das. S., Jayaraj, P. (2021) Brown rice, white rice, red rice or black Rice .which one do you prefer. *Kerala Karshakan* 7 (8) : 10: .
4. Anu, V., Jayaraj, P. (2020). Crop diversification farm model-success story in gods own country *Kissanworld*.47(3): 50-51
5. Anu, V., Archana, P. V.(2020). West indian arrow root. *Kissanworld*. 47.(3): 21-22

6. Das, S., Anu, V., Manju, K. P., Jayaraj, P. (2020) .. Nellilumakam moolyavardhana. *Karshakan.* : 56-57
7. Anu, V., Manju, K. P. (2019) Chelavu pakuthi vilavu nooru meni. *Karshakan*: 40-42
8. Anu, V., Manju, K. P., Jayaraj, P. (2020).Nelvarambile pookrishi. *Kerala Karshakan.* 36
9. Manju, K P., Anu, V., Das, S., (2020) Millets- better option for a Climate resilient Agriculture. *Agrobios Newsletter*.18(12): 20
10. Manju, K P., Anu. V., Das,S., (2020).Synthetic Synergists- A potential tool for Insecticide resistance management. *Agrobios Newsletter.* 18(10) 121
11. Manju, K P., Anu. V., Das,S., (2020) Microgreens. *Agrobios Newsletter.* 18(9): 1
12. Das, S., Anu, V.,Manju, K. P., (2020) value addition – A strategic tool for Doubling farmers income. *Agrobios Newsletter.* 18(9): 12

## Books

Jayaraj, P., Manju, K. P., Anu,V., Das, S., Renisha, J.M..(2021) Vilaparipalanam. *Thengu Vilaparipalanathanthrangal oru kaipusthakam.* Krishi Vigyan kendra Kannur. Kerala Agricultural University: pp 5-13

**Leaflets :**

Upapradhanasookshmamoolaka misritham-Ayar  
Nellinte prathyeka ulpaadana paricharanamurakal  
Payarvarga vilakalude Krishiyum Moolyavardhitha ulpannangalum  
Pashionfruitil ninnum Moolyavardhitha ulpannngal  
Sasthreeya mannuparisodhana  
Mithrajeevanukkal  
Vellari vargangalile samyojitha keedaniyanthranam  
Thengu samyojitha roga niyanthranam  
Thengu samyojitha keeda niyanthranam  
Trichoderma cake  
Ellu krishi  
Nilakkadalakrishi  
Chenakrishi  
Kachilkcrishi  
InjiKrishi  
Poshakadhanyangal  
Koonkrishi  
Passionfruitkrishireethi  
Poshakathottam  
Chakkasamskaranam  
Microgreens sookshmaritha ilakkarikal  
Manjal krisshi

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