

Sherin A Salam
Assistant Professor
Department of Plant Pathology
College of Agriculture
Vellayani

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Summary

I started my post graduation as mushroom mycologist in developing low cost methods for mushroom production and bioremediation of agricultural waste using microorganisms and continuing my work in this field. Apart from that I am interested in studying soil pathology and biological methods in plant disease management. Currently I am working in developing 'Farmer friendly formulation for rapid multiplication of antagonistic micro organism. I would like to concentrate more on research for helping farming community .

Experience

- Worked as Research Assistant in KSCSTE project on 'Biodegradation of coirpith into compost and standardisation of techniques for mushroom production in coirpith' during 2001-2003
- Worked as Research fellow in the project entitled management of viral diseases of cowpeas utilising genes for resistance from 3.11.2003 to 31.5.2004
- Worked as Agricultural officer in the Department of Agricultural Development and Farmers Welfare for 16years and 3 months
- Joined Kerala Agricultural University as Assistant Professor (Plant Pathology) in the year 2021

Education

- Graduated in Agricultural Science from Kerala Agricultural University (2001)
 - Post Graduation in Plant Pathology from College of Agriculture Vellayani, Kerala Agricultural University (2003)
 - KSCSTE fellowship for doing M.Sc in Plant Pathology
 - Secured II rank in MSc (Ag) Plant Pathology (KAU)(2003)
 - ICAR –NET (2003)
 - Post Graduate Diploma in Plant Health Management from NIPHM Hyderabad (2015)
 - Post Graduate Diploma in Agricultural Extension Management(2018)
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Area of Specialization

Mycology, Mushrooms and Soil borne Plant Pathogen

Awards & Recognitions

- Got Chinnamma Memorial Award in third year of BSc (Ag)
 - Secured II rank in MSc agriculture (2003)
 - Best Agricultural officer in the Kollam district in 2012-13, 2015-16 and 2019-20
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• Research Projects

- State plan project 2022-23 on Development of Farmer Friendly Formulation for the rapid multiplication of antagonistic microorganisms
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Publications

Journal Articles

Research papers

1. Sherin A.Salam, Geetha.D, Suharban.M and Harikrishnan Nair.K(2004). Coirpith- a non-conventional substrate for *Calocybe indica* (milky mushroom) production. *Mushroom Research* 13(2): 60-64
2. Geetha. D, **Sherin,A.S**, Gokulapalan,C and Suharban,M (2002). *Pleurotus tuber-regium*- a promising mushroom for the tropics. *Mushroom Research* 11(2):73-76

Research papers in Proceedings

1. Sherin A Salam, Peethamparan C.K and Sathish K.Sain (2023). Assessing the bioefficacy of biological agents and their combinations in improving the growth and yield of cowpea. Abstract in the Proceedings at International Conference on Recent Advances in Biological Sciences (ed. Suhara Beevy, S., Darsan B. Menon., Saranya, M. K., Anil Kumar, T. R. and Mariamma Cherian.) -Published by iCEIB, University of Kerala, Kariavattom, Thiruvananthapuram p 42.
2. Sherin A Salam, Heera,G and Ayisha, R. History of Trichoderma as a versatile biocontrol agent. Proceedings of National workshop on Science History of India on 28 Feb, 2023 Book of Abstracts p 45
3. Sherin A. Salam, Heera, G., Krishnapriya P, J. Evaluation of spent mushroom substrate and biochar in enhancing the yield of amaranthus At Indian Mushroom Conference-2023 on Mushroom Diversity and Diversification: Opportunities and Challenges, 18-19 August, 2023.
4. Krishnapriya. P. J, Geetha. D, Heera. G, Sherin. A. Salam. Physiological studies on *Pleurotus cystidiosus* and *Pleurotus opuntiae*. At Indian Mushroom Conference-2023 on Mushroom Diversity and Diversification: Opportunities and Challenges, 18-19 August, 2023.

5. Sherin A. Salam., Geetha D and Suharban M (2004). Degradation Potential of Mycoflora and its impact on coirpith. Abstract in Proceedings of Sixteenth Kerala Science Congress 29-31 January at CWDRDM Kozhikode. p 5-14
6. Sherin A. Salam., Geetha D., Suharban M and Harikrishnan Nair (2003). Strategies of mushroom production on coirpith. Abstract in the Proceedings of Symposium : Recent development in the diagnosis and management of plant diseases 18-20 December at Dharward p 82

Popular Articles

1. Krishnapriya. P.J and Sherin A. Salam. *Nellintte pradhana kathir rogangal*. Kalpadhenu. April-June 2023. Pages 27-28.
2. Nafeesa M, M Murugan and Sherin A. Salam. *Vanameghala thottangalile vrishtikaala shadpadangal*, Kalpadenu. April-June 2023, Pages 22-25
3. Sherin A Salam, Nafeesa M and Murugan M (2022)*Elam krishiye badhikkunna pradhana kumil rogamgalum niyandrana margamgalum*. Kalpadhenu 42(1): 27-30
4. Vaishnavi A, Pramod. R and Sherin A. Salam(2022). *Koonukal: Arakkapodiyile oushadha vismayangal*. Kalpadhenu 42(1): 36-39
5. Murugan M., Nafeesa M and Sherin A. Salam.*Elathinte pradhana veru keedangal* . Kalpadenu. March 2022, Pages 64-65
6. Murugan M., Sherin A. Salam and Nafeesa M. Clump Rot- A menace in Cardamom Kerala Karshakan, English Journal 2021 Sep p 23-24
7. Sherin.A Salam. *Sakthikulangarayile jaiva vipani*. Kerala Karshakan April 2016 p 43
8. Sherin A. Salam. Farming vertically using compost tea, sea water and bio char. Kerala Karshakan English Journal 2015 Dec p 14-15
9. Sherin A. Salam. *Manaltheerathum pachakkari valarthaam*. Kerala Karshakan Nov 2015 p 39-40
10. Sherin A. Salam. Ash Gourd- A versatile vegetable. Kerala Karshakan English Journal 2014 July p 22-27
11. Sherin A Salam. *Nelpadathum pareekshanangal ere*. Kerala Karshakan June 2009 p 26-27
12. Geetha D., Suharban M and **Sherin A. Salam**. Scope of Mushroom cultivation in Kerala.Samaranika Haritham 2007. Ssociety of Agricultural Officer's Kerala. p23-25.
13. Sherin A. Salam. *Prathisandhikalil thalarathe* Samaranika Haritham 2007. Ssociety of Agricultural Officer's Kerala. p 43
14. Sherin A. Salam. *St. Theresa mathruka* Kerala Karshakan April 2006 p 61 and 73
15. Sherin A. Salam. *Edavilakalil nettam*. Karshakasree May 2006 p12
16. Sherin A. Salam. Sustainable production of coconut through biomass recycling. Indian Coconut Journal May 2004. P 16-17
17. Sherin A. Salam(2004). Poshakamayum marunnayum koval. Karshakasree.10(1): 41
18. Sherin A. Slam. The cultivation of under exploited minor fibre crops.Kisan World Nov 2004 p 55-56

19. Geetha D., Sherin A. Salam and Suharban M. *Chakirichoril verodunna koonukal* Kerala Karshakan Jan 2003 p 14-15

Books/Chapters in Books

1. Sherin A. Salam (2015). Vertical Structure by using composting tea, seawater and Biochar, Sakthikulangara-Innovation in vegetable production. Vegetable Development Initiative of the Department of Agriculture in 12th Five year plan Quick Assessment and Way Forward, Kerala State Planning Board. Government of Kerala. p 204-205

Leaflets/Bulletin

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1. Susha S. Thara., Divya S., Radhika, N. S., Ayisha R., Pramod R., Heera G., Krishnapriya P. J., **Sherin A. Salam** and Radhakrishnan N. V. *Vazhuthana vargga vilakalile bacterial vattom*, Agriclina 2022. Sasyaroga vibhagam, karshika college Vellayani.
2. Ayisha R., Susha S. Thara., Radhika, N. S., Pramod R., Divya S., Heera G., Krishnapriya P. J., **Sherin A. Salam** and Dr. Radhakrishnan N. V. *Vazhayile pradhana rongalum niyanthranavum*. Agriclina 2022. Sasyaroga vibhagam, karshika college Vellayani.
3. Divya S., Susha S. Thara., Radhika, N. S., Pramod R., Ayisha R., Heera G., **Sherin A. Salam**., Krishnapriya P.J and Radhakrishnan N. V. *Cheerayile rongalum niyanthrana marggangalum*. Agriclina 2022. Sasyaroga vibhagam, karshika college Vellayani.
4. Pramod R., Susha S. Thara., Radhika, N. S., Ayisha R., Divya S., Heera G., Krishnapriya P. J., **Sherin A. Salam** and Radhakrishnan N. V. *Paristhithi souhardha ronganiyanthranam jaiveeka marggathiloode*. Agriclina 2022. Sasyaroga vibhagam, karshika college Vellayani.
5. Radhika N. S., Susha S Thara., Pramod R., Ayisha R., Divya S., Heera G., Krishnapriya P. J., **Sherin A Salam** and Radhakrishnan N. V. *Pachakkariyile pradhana virus rongalum avayude niyanthrana marggangalum*. Agriclina 2022. Sasyaroga vibhagam, karshika college Vellayani
6. Susha S. Thara., Divya., Pramod R., Radhika N. S., .Ayisha R., Heera G., Krishnapriya P. J., **Sherin A. Salam** and Radhakrishnan N. V. *Sasya poshanathinaayi jaivakoottukal*. Agriclina 2022. Kerala Samsthana Asoothrana Board. Sasyaroga vibhagam, karshika college Vellayani.
7. Stanly Chacko., **Sherin A.Salam** and Pradeep K.S.(2014). *GreenRays- A bulletin for Agricultural technocrats* (2014). Published by Department of Agriculture Kollam District Vol(1):4

Student Guidance (Major Advisor/ Advisory Committee member)

M. Sc. Completed 1

Within KAU:Ongoin: 2

Extension activities

- Trainings/Classes handled: 15
 - Radio talks/FIB live:2
 - Conducting field visits as part of Karshaka Santhwanam
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Other Institutional Responsibilities

1. Currently acting as student Advisor/faculty mentor to 10 Undergraduate students.
2. Class teacher of UG 2023 batch Unit 1
3. Member of Women Complaint Committee (ICC) as per order no GL. (A1) 1993/2014 dtd 25.08.2022 at College of Agriculture, Vellayani campus.
4. Member in Professional Association

Membership in Professional Associations

- Life member of Asian PGPR Society of Sustainable Agriculture