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Specification: Agricultural Communication

Research: Social Network Analysis and Impact assessment

1. Research Articles Published

- Yamini, T., Venkatesan, P., Jyothi, V. and Naga Latha. K. (2025). Building Farmer Groups through Community Detection and Role Identification using Social Network Analysis. Indian Research Journal of Extension Education, 25(4), 99-104. (NAAS 4.99)
- Yamini, T., Devendrappa. S, Vineeth, H.T. and Shashank L Reddy. (2025). KVK-Institute – Led Initiatives and their effect on the Knowledge and Adoption of improved JAKI-9218 Chickpea Cultivar. Journal of Scientific Research and Reports. 31 (1), 380-390. (NAAS 5.17)
- Yamini, T., Devendrappa. S, Shashank L Reddy and Vineeth, H.T. (2024). Knowledge and adoption patterns of improved green gram varieties among farmers: Insights from KVK's CFLDs. International Journal of Agricultural Extension and Social Development. 7 (12), 168- 175. (NAAS 5.04)
- Yamini, T., P. Venkatesan, V. Jyothi, M.R. Devy, V.S. Rao and K. Suseela. (2024). Social network analysis approach to identify agricultural key communicators. J. Environ. Biol., 45, 788- 797. (NAAS 6.70)- Scopus indexed
- Yamini, T., Venkatesan, P., Jyothi, V., Devy, R. M., Rao, S. V., & Suseela, K. (2024). Construction and validation of farmer's attitude scale towards social networking. Journal of Community Mobilization and Sustainable Development, 19 (1), 201-206. (NAAS 5.02)
- Yamini, T., Venkatesan, P., Jyothi, V., Devy, M. R., Rao, V. S., & Suseela, K. (2024). Unearthing Agricultural Influencers: Leveraging Social Network Analysis to Identify Key Communicators in the Farming Community. Indian Research Journal of Extension Education, 24(1), 33-36. (NAAS 4.99).
- Yamini, T., Venkatesan, P., & Jyothi, V. (2024) Assessment of farmers' attitude towards social networking for information dissemination in agriculture. Gujarat Journal of Extension Education, 36(2),115-120. (NAAS 5.30)
- Yamini, T., Devendrappa, S., & Halakatti, S. V. (2022). Assessment of yield and income due to varietal interventions by KVK in Dharwad district of Karnataka state. Journal of Experimental Zoology India, 25(2), 1601-1604. (NAAS 5.25)- Scopus indexed
- Latha, K. N., Chary, D. S., Supriya, K., Sreekanth, P. D., & **Yamini, T.** (2023). Impact of Mission Kakatiya on Area under Tank Irrigation in Southern Telangana Zone, India. International Journal of Environment and Climate Change, 13(11), 742-748. (NAAS 5.16)
- Reddy, S. L., Shree, D. A., H.T. Vineeth, & **Yamini, T.** (2023). Adoption of Recommended Package of Practices of Chickpea Varieties (JG-11 and JAKI 9218) in Dharwad District of Karnataka, India. International Journal of Environment and Climate Change, 13(11), 3718- 3728. (NAAS 5.16)

- Latha, K. N., Venkata viswateja, B., **Yamini, T.**, Rao, V. S., & Sarada, C. (2024). Trend Analysis of Long Term and Seasonal Rainfall in Guntur District of Andhra Pradesh for Implementing Appropriate Measures to Manage Water Resources. Indian Research Journal of Extension Education, 24(2), 59-65. (NAAS 4.99)
- Yamini, T., Devendrappa, S., Halakatti, S. V. & Latha, K. N. (2022). An analysis of the critical factors influencing the adoption of KVK interventions of Dharwad district of Karnataka state. International Journal of Research Trends and Innovations, 7(12),467-469. (Impact factor 8.14)
- Latha, K. N., Ramesh, D., Swarnalatha, P. & **Yamini, T.** (2022). Export performance of wheat from India. International Journal of Research Trends and Innovations, 7(12),364-366. (Impact factor 8.14)

2. Book Chapters:

- Tadepalli Yamini and K. Naga Latha. Role of One district One Product (ODOP) Initiative. Insights Into Agriculture Sciences. KP Publications, 2024.
- Tadepalli Yamini, V. Jyothi and K. Nag Latha. Social Network Analysis: An analytical Tool. AkiNik Publications, 2024.
- Tadepalli Yamini and K. Naga Latha. Policies and Programmes for Promoting Organic Farming. AkiNik Publications, 2024.
- K. Naga Latha, V. Srinivasa Rao, **T. Yamini** and P. Swarnalatha. Machine Learning and its Applications in Agriculture. AIKNIK, 2023.
- Laxmi Prasanna, P., Sathya Gopal, P. V. and **Tadepalli Yamini**. Farming in the Digital Age: The Role of Mobile Applications in Extension. Advances in Agricultural Extension, Vol 23. AkiNik Publications, 2024.

3. Popular Articles:

- Tadepalli Yamini and V. Jyothi. 2024. Exploring emerging trends in Agricultural Extension. Farm Chronicle, 3 (12):9-11.
- K. Naga Latha and **T. Yamini**. Artificial Neural Network and its applications in Agriculture. 6(05). Agrigate Magazine, 2025.
- K. Naga Latha, V. Mathuabirami and **T. Yamini**. Role of Big Data Analytics in Indian Farming. 2025. GreenariA, 3 (5): 3-5.