

Research Publication in Peer-Reviewed Journals (2021-22)

1. Abdulla and Kumar, Shiv (2021). Technical efficiency and its determinants in the Indian textile garments industry. *Research Journal of Textile and Apparel*, 25(4): 346-360.
2. Anand, P.S.B., Behera, B., Srivastava, S.K., Singandhupe, R.B. and Mishra, A. (2021). Cultivated land utilization index vis-à-vis cropping intensity for crop diversification and water resource management in Odisha, India. *Current Science*, 120 (7): 1217-1224.
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4. Balaji, S. J. (2021). Product clusters, export promotion, and agricultural growth: A partial assessment of India's relative competitiveness in light of the agricultural export policy. 2018. *Indian Journal of Agricultural Marketing*, 35(1): 106-114.
5. Balaji, S. J., Arun, G., Suresh C. B. and Pal, S. (2021). Machine learning algorithms for quarterly GDP forecasting: A performance evaluation. *The Journal of Income and Wealth*, 43 (1&2): 1-15.
6. Balaji, S. J., Umanath and M., Arun, G. (2021). Welfare gains of inward-looking: An ex-ante assessment of general equilibrium impacts of protectionist tariffs on India's edible oil imports. *Agricultural Economics Research Review*, 34 (conference number) 1-20.
7. Bardhan, D., Kumar, S., Kumar, Shiv, Kumar, N., Khan, S Talukder, S. and Mehendiratta, S.K. (2022). Identifying disease risk hotspots in buffalo meat (Carabeef) value chain. *Indian Journal of Animal Sciences*, 92 (1): 3–11.
8. Birthal, P.S., Hazrana, J. and Negi, D.S. (2022). Effectiveness of farmers' risk management strategies in smallholder agriculture: Evidence from India. *Climatic Change*, 169(3): 1-35.
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10. Chand, K., Biradar, N. and Kautkar, S. (2021). Fodder status in drought year and the practice of free-range grazing in Bundelkhand region of India. *The Indian Journal of Animal Sciences*, 91 (9): 760–764.
11. Chand, K., Choudhary, B.B., Suresh, A., Mishra, A. K., Gaur, M. K., Singh, P. and Louhaichi, V. (2021). What determines migration of sheep flocks? Evidence from Thar desert of Rajasthan. *Indian Journal of Small Ruminants*, 27(2): 275-279.
12. Chand, K., Suresh, A., Dastagiri, M. B., Kumar, S. and Mandal, S. (2021). Fruit marketing, its efficiency and supply chain constraints in India: A case study. *The Indian Journal of Agricultural Sciences*, 91 (8): 1146-50.

13. Chand, P., Rao, S., Agarwal, P. and Jain, R. (2021). Sustainable intensification of water-guzzling crops: Identifying suitable cropping districts of India. *The Indian Journal of Agricultural Sciences*, 91 (8): 1117–1121.
14. Chand, S., Sarma, K. and Sethi, S.N. (2021). Present status, scope and opportunities of livestock and poultry production in Bay Islands, India. *International Journal of Livestock Research*, 11(4):75-87.
15. Das, A., Kumar, N.R. and Das, A. (2021). Common pool resource dependency and its impact on current income and its equity among fisher households in selected districts of Tripura State, North-east India. *Indian Journal of Fisheries*, 68(1): 92-95.
16. Dupare, B.U., Sharma, P. and Billore, S.D. (2021). Determinants of adaptation practices to climate change: Insights from soybean growers in central India. *Journal of Oilseeds Research*, 38(3): 286-294.
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18. Jain, R., Chand, P., Agarwal, P., Rao, S. and Pal, S. (2021). Measuring the infrastructural adequacy for agriculture: A comparative analysis of Indian states. *Journal of the Indian Society of Agricultural Statistics*, 75(1): 25–35.
19. Kanwal, V., Sirohi, S. and Chand, P. (2021). Farmers' perception on climate extremes and their coping mechanism: Evidence from disaster-prone regions of India. *Indian Journal of Traditional Knowledge*, 20(2): 512- 519.
20. Kumar, A., Rana, K.S., Choudhary, A. K., Bana, R.S., Sharma, V.K., Gupta, G., Rajpoot, S., Choudhary, M., Jakhar, P., Kumar, A., Kishore, P., Pradhan, A., Tyagi, V. and Kumar, K. (2022). Sole or dual crop basis residue mulching and Zn-fertilization lead to improved productivity, rhizo-modulation and soil health in zero-tilled pigeonpea- wheat cropping system in a semi-arid agro- ecology. *Journal of Soil Science and Plant Nutrition*: <https://doi.org/10.1007/s42729-021-00723-6>.
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25. Meena, D.C., Parandiyal, A.K. and Kumar, D. (2021). Evaluation of farming systems of degraded lands of Yamuna ravines in central India for income generation and sustainable livelihoods. *Indian Journal of Soil Conservation*, 49(1):50-58.
26. Negi, D.S., Birthal, P.S. and Roy, D. (2021). Market access, crop diversification and price policy. *Economics Bulletin*, 4:2249-2256.
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28. Nisar, U., Mu, Y., Kumar, N. R., Shah, S.B.H., Mohsin, M. and Kazmi, S.S.U.H. (2021). Growth and trade performance of Indian fish export to China. *Pakistan Journal of Agricultural Sciences*, 58(5): 1673-1680.
29. Pal, S., Kumar, M., Bharadwaj, A., Jain, R., Kumar, Shiv, Kumar, A.T., Gupta, C. and Rama (2021). Knowledge management and monitoring of farmer FIRST program through FFP Portal. *Indian Journal of Agricultural Sciences*, 91(6): 852–6.
30. Palani, D.R., Kumar, S, Das, M.M., Kumar, T.K., Kumar, S., Choudhary, M., Chand, K., Rai, S.K., Ahmed, A., Sahai, C.S. and Chaudhary, M. (2021). Integrated multi-enterprise agricultural system for sustaining livelihood, energy use and resource recycling: a case study from semi-arid tropics of central India. *Agroforestry Systems*, 95(8):1619-1634.
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35. Praveen, K., Singh, A., Jha, G.K., Kumar, P., Kingsly, I.T. and Aditya, K.S. (2021). What drives the use of organic fertilizers? Evidence from rice farmers in Indo-Gangetic plains, India. *Sustainability*. <https://doi.org/10.3390/su13179546>.
36. Roul, C., Chand, P., Pal, S. and Naik, K. (2021). Assessment of agrobiodiversity in the intensive agriculture: A case study of the Indo-Gangetic plains of India. *Biodiversity and Conservation*. <https://doi.org/10.1007/s10531-021-02336-y>.

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41. Shrama, G.K., Khan, S.A., Srivastava, M., Bhattacharya, R., Sharma, A., Gupta, D.K. Kishore, P. and Gupta, N. (2021). Circular economy fertilization: Phycoremediated algal biomass as biofertilizers for sustainable crop production. *Journal of Environmental Management*, 287:112295. <https://doi.org/10.1016/j.jenvman.2021.112295>.
42. Singh, N P., Anand, B., Srivastava, S.K., Kumar, N.R., Sharma, S., Bal, S.K., Rao, K.V. and Prabhakar, M. (2022). Risk, perception and adaptation to climate change: Evidence from arid region, India. *Natural Hazards*. <https://doi.org/10.1007/s11069-022-05216-y1>.
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48. Srivastava, S.K., Kishore, A. and Singh, J. (2021). Economic access to groundwater irrigation under alternate energy regimes in Bihar. *Agricultural Economics Research Review*, 34 (Conference number)111-119.
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informal dairy processing units in Haryana (India): A system dynamic approach. *Agriculture Research*. 10(2):307–313. <https://doi.org/10.1007/s40003-020-00502-2>.

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