

Padigapati Venkata Naga Sindhuja

Scientist – B

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ACADEMIC RECORD

Degree	University/Board/Institute	Percentage	Year of Passing
Ph.D. (Agricultural Economics)	Indian Agricultural Research Institute, New Delhi	87.90	2025
M.Sc. (Agricultural Economics)	Sardar Vallabhbhai Patel University of Agriculture and Technology, Meerut, Uttar Pradesh	93.78	2019
B.Sc. (Agriculture)	Acharya N. G. Ranga Agricultural University, Guntur, Andhra Pradesh	86.70	2017
Intermediate Education	Board of Intermediate Education, Andhra Pradesh	95.20	2012
Secondary School Education	Board of Secondary Education, Andhra Pradesh	92.50	2010

RESEARCH EXPERIENCE

Ph. D. Research:

Research Title: Spatial Analysis of Child and Women Malnutrition in India and Impact of Women Empowerment on Health and Nutritional Outcomes

Master's Research:

Research Title: Study on Production and Marketing of Papaya in Kadapa District of Andhra Pradesh

PROFESSIONAL EXPERIENCE

Young Professional-II

30-09-2019 to 29-09-2020

Project Title: An Economic Analysis of Food Prices and Policies for the Development of Indian Agriculture

Role: Assisted in Data Collection, Drafting Replies by Compiling Information from Various Reports, Database Management, Data Analysis, Creative Content Editing, and Report writing

SOFT SKILLS

- Positive attitude and spontaneous response towards problem-solving
- Good communication and interpersonal skills
- Positive attitude and spontaneous response towards problem-solving
- Good communication and interpersonal skills

- Command in **MS Office, STATA, ArcGIS, R, SPSS, SaTScan, and NVIVO**

SCIENTIFIC/ACADEMIC HONORS/FELLOWSHIPS/PEER RECOGNITION

- 2024** Awarded the certificate of participation as **Session coordinator** at the 32nd International Conference of Agricultural Economists (ICAE) on Transformation towards Sustainable Agri-food Systems, conducted on August 2-7, 2024
- 2023** Awarded the certificate of participation as **Rapporteur** at the International Conference “From Research To Impact: Towards Just And Resilient Agri-Food Systems” conducted on October 9-12, 2023
- 2023** Awarded the certificate for giving a **lecture on Spatial data analysis using ArcGIS and NFHS data** in the NAHEP-sponsored training program on “Analytical techniques for Empowering Social Science Research” at the Division of Agricultural Economics, IARI.
- 2023** Qualified **UGC-NET Junior Research Fellowship (JRF)** and also eligibility for **Assistant Professor** in the National Eligibility Test (UGC-NET) conducted for December 2021 and June 2022 (merged session)
- 2021** Qualified for the **ASRB National Eligibility Test** on 27-Aug 2021 on behalf of ICAR in the Discipline of Agricultural Economics for eligibility for Lectureship/Assistant Professorship by securing 69.56% marks
- 2020** Awarded **ICAR Junior/Senior Research Fellowship** on the basis of the result of ICAR's All India Competitive Examination for Admission to Doctoral Degree Programmes in Agricultural Universities conducted on 23rd September 2020
- 2020** **Merit certificate** for securing the highest grade in M.Sc. (Agricultural Economics)
- 2019** Qualified for the **Andhra Pradesh State Eligibility Test (APSET-2019)** and eligibility for Assistant Professor/Lecturer held on 20th October, 2019 in the subject of Economics
- 2018** **Summer Research Fellow** under the program of the Council of Science & Technology, U.P., from 22.6.2018 to 9.8.2018 in the Division of Agricultural Economics, ICAR-IARI, New Delhi
- 2017** Recommended for admission to Master's degree programme with **National Talent Scholarship (PGS)** on the basis of the result of ICAR's All India Competitive Examination for Admission to Master's Degree Programmes in Agricultural Universities conducted on 11th June 2017

MEETING, TRAININGS & WORKSHOPS

- 2024** 32nd AERA Annual Conference on Digitalization of Agriculture for Higher, Sustainable, and Inclusive Growth, held at Indira Gandhi Krishi Vishwavidyalaya, Krishak Nagar, Raipur (11-13 December 2024)
- 2024** 32nd International Conference of Agricultural Economists (ICAE 2024) on Transformation Towards Sustainable Agri-Food Systems, from 2-7 August 2024 in New Delhi, India.
- 2023** International Conference on Towards Just and Resilient Agri-Food Systems, organized by CGIAR and ICAR, held at NASC, New Delhi (October 9-12, 2023)
- Presentation Title: “Exploring the Impact of Women’s Empowerment on Health and

Nutritional Status of Children and Women in India”

- 2023** Training on Analytical Techniques for Empowering Social Science Research organized by NAHEP-CAAST, ICAR-IARI (August 7 to 18, 2023)
- 2022** Workshop on Systematic Reviews and Evidence and Gender Maps, CGIAR GENDER Platform in collaboration with the Campbell held at NASC, New Delhi (September 5-7, 2022)
- 2021** Workshop on data analysis with Stata, NAHEP-CAAST, and ICAR-IARI (January, 25-29, 2021)
- 2020** National webinar on Strategy for Strengthening Agricultural Education under Changing Scenario of COVID-19, organized by Swami Keshwanand Rajasthan Agricultural University, Bikaner under the aegis of World Bank-NAHEP (June 26-27, 2020)
- 2020** 24th Annual Western Hemispheric Trade Conference”, organized by Texas A & M International University (April 15-17, 2020)
- 2020** National Conference on Geo-spatial Technologies in Agriculture”, organized by ICAR-NAARM.

LEADERSHIP QUALITIES AND ACTIVITIES

- Acted as *Joint Secretary* of Agricultural Economics Development Forum (AEDF), Division of Agricultural Economics, ICAR-IARI.
- Participated as a student volunteer in Krishi Vignan Mela, 9-11 March 2022 at IARI, New Delhi.
- Conducted various farmers’ meetings during RAWEP in ANGRAU, 2017.
- Participated as a National Service Scheme (NSS) volunteer at ANGRAU, 2016-17.

PRESENTATIONS

- 2024** Participated and delivered an oral presentation on “Exploring the relationship between women’s empowerment and nutritional well-being of women in India: Evidence from National Family Health Survey-5” at the 32nd AERA Annual Conference on “Digitalization of Agriculture for Higher, Sustainable, and Inclusive Growth”, IGKV, Raipur.
- 2023** Participated and delivered an oral presentation on “Are Children Attaining the Minimum Dietary Diversity Criteria in India? Evidence from National Family Health Survey-5” at the 32nd International Conference of Agricultural Economists (ICAE) on “Transformation towards Sustainable Agri-food Systems”, NASC Complex, New Delhi.
- 2023** Participated and delivered an oral presentation on “Exploring the Impact of Women’s Empowerment on Health and Nutritional Status of Children and Women in India” at an international conference, “Towards Just and Resilient Agri-Food Systems,” NASC Complex, New Delhi.

- 2023** Delivered lecture on “Spatial data analysis-spatial autocorrelation, clusters, and hotspot using ArcGIS and NFHS data” in the NAHEP-sponsored training program on “Analytical Techniques for Empowering Social Science Research” organized by the Division of Agricultural Economics, IARI.
- 2022** Delivered lecture on “Spatial Analysis using ArcGIS software” in the NAHEP-sponsored training course on “Advanced Research Methods and Essential Skills for the Social Sciences” organized by the Division of Agricultural Economics, IARI.
- 2020** Participated and delivered an oral presentation at an international conference on WTO Agricultural Measures in Major Regional Trading Blocks: Policy Advocacy, Texas, USA.

PUBLICATIONS

1. Dastagiri MB, Ch. Srinivasa Rao and **Naga Sindhuja PV** (2019). Global and Continental Legumes: Growth and Developments in Area, Production and Trade. *Open Access Journal of Agriculture Research*, 2019,5, 1-29. Melbourne, Australia
2. Dastagiri, M.B. and **Naga Sindhuja P.V.** (2020). Eminent Scholars Revolutionary Ideas contributed to the Universe: Exploratory Research Analysis. *International Journal of Current Research*, 12, (02), 9992-10001
3. Dastagiri, M. B. & **Naga Sindhuja, P.V.**, Rakesh Suresh & Ramesh Naik Mude (2021). Agriculture, Economics, Ecology, and Trade: A Way Forward for Better World. *World Food Policy, Wiley Online Library*; 00:1–9. DOI: 10.1002/wfp2.12019
4. Dastagiri, M. B. & **Naga Sindhuja, P. V.** (2020). Satellite Farming in Global Agriculture: New Tech Revolution for Food Security and Planet Safety for Future Generation. *Acta Scientific Agriculture*; 4.4 (2020): 01-09
5. **Naga Sindhuja, P. V.** & Singh, H. L. (2020). An Analysis of Outlays and Returns of Papaya Production in Kadapa Andhra Pradesh. *Multilogic in Science*; 10 (35): ISSN 2277-7601
6. Dastagiri, M. B. & **Naga Sindhuja, P.V.** & Praneetha, Y. (2020). Global and Regional Trading Blocs of Coffee and Tea: Outlook, Trading Signals, and Policies. *World Food Policy, Wiley Online Library*; 00:1–38. DOI: 10.1002/wfp2.12018
7. Dastagiri, M. B., **Naga Sindhuja, P. V.** & Yadav, M (2020). The Philosophy behind USA, United Kingdom, Germany, France Lion’s Share in Nobel Prizes: Creative Ideas for Other Countries. *International Journal of Humanities and Social Science*; 10 (4); pp: 109-124
8. Dastagiri, M.B. and **Naga Sindhuja P.V.** (2020). Trading Signals in Overseas Markets for Indian Legumes during WTO Regime: Foreign Trade Research and Policies. *EC Agriculture, United Kingdom* 6.5: 50-62
9. Dastagiri, M. B. & **Naga Sindhuja, P.V.** (2020). Global Agricultural Prices and Policies during WTO Regime: Explorative Research to Price Policy Advocacy. *World Food Policy, Wiley Online Library*; 7:6–25. DOI: 10.1002/wfp2.12023
10. Dastagiri, M. B., & **Naga Sindhuja, P. V.** (2021). Space economy: boon for socio-economic-nature development for future mankind. *International Journal of Current Research*, 13(01), 15438-15448
11. Dastagiri, M. B. & **Naga Sindhuja, P.V.** (2021). Agriculture trade policy measures and geopolitics in major regional trading blocs: Policy advocacy. *World Food Policy, Wiley Online Library*; 7:62–81. DOI: 10.1002/wfp2.12024
12. Dastagiri, M. B., & **Naga Sindhuja, P. V.** (2021). Analysis of trading signals in foreign markets for fruits during WTO regime: promising world markets & policies. *SCANDIA*, 87 (3), 19-42
13. Dastagiri, M. B., & **Naga Sindhuja, P. V.** (2022). Global merchandise and agricultural trade developments during WTO regime: Commercial crops performance. *World Food Policy*, 8(1), 6-37
14. Dastagiri, M. B., Ganesh Kumar, B., Dhandapani, A. & **Naga Sindhuja, P. V.** (2022). Economics of India’s Agricultural Domestic and International Prices during WTO Regime: Signals and Policies. *Indian Journal of Agricultural Sciences*, 92 (5): 87–92

15. Dastagiri, M. B. & **Naga Sindhuja, P.V.** (2022). Economic analysis of domestic and international food prices during WTO regime: Effects on Indian crop planning, production, poverty, inflation, and trade. *World Food Policy*, 8 (2): 237-262
16. **Naga Sindhuja, P.V.** & Singh, H. L. (2023). Global and national performance of the livestock sector: Growth rate analysis. *Current advances in agricultural sciences* 15(1): 65-68. DOI: 10.5958/2394-4471.2023.00012.6
17. **Padigapati, V. N. S.**, Singh, A., Velayudhan, P. K., Perumal, A., & Ramalingam, S. (2024). Examining the Prevalence and Predictors of Stunting in Indian Children: A Spatial and Multilevel Analysis Approach. *Agricultural Research*, 1-12
18. **Padigapati, V. N. S.**, Singh, A., & KV, P. (2024). *Are children attaining the minimum dietary diversity criteria in India? Evidence from National Family Health Survey-5.* 32nd International Conference of Agricultural Economists, New Delhi. DOI: [10.22004/ag.econ.344350](https://doi.org/10.22004/ag.econ.344350)
19. Naik, P. B., Vidhyavathi, A., **Sindhuja, P. V. N.**, Hanji, S. S., & Perka, S. K (2024). Evaluating the Financial Impact of Insurance on Farmers: A Case Study from Andhra Pradesh, India. *Journal of Scientific Research and Reports*, 30(9)
20. **Padigapati, V. N. S.**, Singh, A., Velayudhan, P. K. (2024). Exploring the relationship between women's empowerment and nutritional well-being in India: Evidence from National Family Health Survey-5. *Agricultural Economics Research Review*, 99-114
21. Selvaprakash ,R., Jagadeeswaran, R., & **Naga Sindhuja, P.V.** (2024). Multiple linear regression model-based soil moisture mapping using sentinel 1A synthetic aperture radar data. *The Pharma Innovation*; 13 (9):15-23
22. Naik Bhargav, P., **Naga Sindhuja, P.V.**, Shiva Kumar, P., Asha Devi., & Alka Singh (2025). Meeting the Growing Demand for Nutri-Cereals: A Supply Assessment for Maharashtra, India. *Bhartiya Krishi Anusandhan Patrika*. 40(1): 47-55. DOI: 10.18805/BKAP782
23. **Naga Sindhuja, P.V.**, Naik Bhargav, P., Shiva Kumar, P., *et al.*, (2025). Economic Viability of Rice Cultivation in Punjab and Uttar Pradesh, India: A Cost and Profit Analysis. *Journal of Scientific Research and Reports* 31 (2):9-19. [10.9734/jsrr/2025/v31i22821](https://doi.org/10.9734/jsrr/2025/v31i22821)
24. **Padigapati, V.N.S.**, Singh, A., Velayudhan, P.K. *et al* (2025). Women's Empowerment and Nutritional Well-being of Children in India: A Path Towards a More Secure Future. *Global Social Welfare*. DOI: [10.1007/s40609-025-00389-3](https://doi.org/10.1007/s40609-025-00389-3)
25. **Padigapati, V.N.S.**, Singh, A., Koovalamkadu Velayudhan, P. *et al* (2025). Identifying the Geospatial Burden of Childhood Stunting in Bihar. *National Academy Science Letters*. [10.1007/s40009-025-01644-z](https://doi.org/10.1007/s40009-025-01644-z)

POPULAR ARTICLES/MAGAZINES

Naga Sindhuja, P.V. & Raviteja, M. (2020). Effect of climate change on Indian agriculture. *AgroBios Newsletter*; 19 (7): 24-25

Raviteja, M. & **Naga Sindhuja, P.V.** (2020). *Nanotechnology: A New Frontier in Sustainable Agriculture*. *AGROBIOS ONLINE*; 19 (6): 143-144

Raviteja, M. & **Naga Sindhuja, P.V.** (2020). *Poverty: Definition, Measures and Profile*. *AGROBIOS ONLINE*; 19 (8): 6

Dastagiri, M. B., **Naga Sindhuja, P.V.**, Sai Arun, V., & Addamay Singh (2022). *Indian farmers' welfare: Policies, approaches, strategies, and prophecy*. *Indian Farming* 72(2): 30–33

Selvaprakash Ramalingam & **P V Naga Sindhuja** (2024). *Beyond the Naked Eye: Harnessing Hyperspectral Imaging for Crop Disease Prediction in Precision Agriculture*. *AGRICULTURE & FOOD: E-NEWSLETTER*; 6 (8): 93-94

Selvaprakash Ramalingam, **P V Naga Sindhuja** & Tanya Singh (2024). *Seeds of Tomorrow: Extending the Longevity of Rice Seeds through Advanced Reconstitution Technology*. *THE AGRICULTURAL MAGAZINE*; 3 (12): 285-286

Bhargav Naik & **P V Naga Sindhuja** (2025). *Artificial Intelligence in Agriculture: A Path to the Future*. *AGRIALLIS*; 6 (8): 1-5

BOOK CHAPTERS/MANUALS

M.B. Dastagiri and **P.V. Naga Sindhuja** (2020). *WTO and Global Agricultural Trade Policies: Philosophy, Practice, Effects and Vision*. Book Publishers International (India-United Kingdom); ISBN-13 (15) 978-93-90431-99-1

M.B. Dastagiri and **P.V. Naga Sindhuja** (2020). *Analysis of Economic Trends in Overseas Markets for Indian Tea and Coffee*. Book Publishers International (India-United Kingdom); ISBN-13 (15) 978-93-90431-99-1

M.B. Dastagiri and **P.V. Naga Sindhuja** (2020). *Global Trade of Indian Pulses during WTO Regime: International Trade Trends, World Markets & Foreign Trade Policy*. Book Publishers International (India-United Kingdom); ISBN-13 (15) 978-93-90431-99-1

M.B. Dastagiri and **P.V. Naga Sindhuja** (2020). *Oilseeds in India during WTO Regime: Development, Mission, and Global Trade Policies*; 127-141. Book Publishers International (India-United Kingdom); ISBN-13 (15) 978-93-90431-99-1. Available at [10.9734/bpi/mono/978-93-90431-91-5](https://doi.org/10.9734/bpi/mono/978-93-90431-91-5)

Selvaprakash R, **P.V. Naga Sindhuja** & Chakradhar Reddy (2024). *Climate-Smart Agriculture: Adapting to Environmental Changes*; Volume (7): 129-147. <https://doi.org/10.62778/int.book.494>

Bhargav Naik, **P V Naga Sindhuja**, K Ramanjaneya Reddy & Srinatha T N (2024). *The Interplay between Global Warming, Population Growth, and Crop Yields*; Volume (1); 45-51. RESEARCH SQAURE

Bhargav Naik, **P V Naga Sindhuja**, Selvaprakash R & Srinatha T N (2024). *Role of Technology in Climate Risk Mitigation*; Volume (1); 90-92. RESEARCH SQAURE

P V Naga Sindhuja & Bhargav Naik (2025). *Prevalence and Targeted Interventions for Child Malnutrition: A police Roadmap for India's Future*. *Current Trends in Food and Nutrition*; Volume (5); 15-25. INTEGRATED PUBLICATIONS

DECLARATION

I hereby declare that the above-mentioned information is correct up to my knowledge and I bear the responsibility for the correctness of the above-mentioned particulars.

Place: Assam

Date: 20-02-2026
SINDHUJA)

(P.V. NAGA