

## Brief Resume of Dr. Neela Madhav Patnaik

**Dr. Neela Madhav Patnaik,**

**M.Sc. & Ph.D (Agricultural Extension Education)**

**Scientist (Agricultural Extension)**

**ICAR-Mahatma Gandhi Integrated Farming Research**

**Institute (MGIFRI), Piprakothi- 845429, Motihari,**

**East Champaran, Bihar**

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**Born:** Odisha, India; **Category:** General

### Research Specialization

Qualitative and quantitative social research in the domain of agriculture, dairy and animal science; skills and expertise on data collection, survey methodology, data analysis, livelihood analysis studies, sustainability research and antimicrobial resistance field study.

### Academic Background

- 2011-2015 B.Sc. (Ag.) Hons. 1<sup>st</sup> Class, Odisha University of Agriculture and Technology (OUAT), Bhubaneswar
- 2015-2017 M.Sc. (Ag.) in Agricultural Extension Education, 1<sup>st</sup> Class, National Dairy Research Institute, Karnal
- 2017-2021 Ph.D. (Ag.) in Agricultural Extension Education, 1<sup>st</sup> Class, National Dairy Research Institute, Karnal

### Professional Service Experience

- 2023-contd. Scientist ICAR- Mahatma Gandhi Integrated Farming Research Institute (MGIFRI), Motihari, Bihar

### Awards, Honours & Recognitions

- 2011 Selected for **OUAT merit Scholarship** for overall **3<sup>rd</sup> rank** at College of Agriculture, Chiplima, OUAT for my bachelor's degree
- 2015 Qualified **ICAR-Junior Research Fellowship [ICAR JRF-2015]** and awarded **NDRI, Institute Scholarship** for Master's degree from 2015-17
- 2017 Qualified **ICAR-Senior Research Fellowship [ICAR SRF-2017]** in Agricultural Extension and awarded **NDRI, Institute Fellowship for Doctoral degree**
- 2017 Cleared **UGC-National Eligibility Test** in the subject of Adult Education/Continuing Education/Andragogy/ Non-formal Education
- 2018 Cleared **ICAR-ASRB- National Eligibility Test** in Agricultural Extension
- 2019 **Best Oral Presentation award** at ISEE National Seminar on "Holistic Approach for Enhancing Agricultural Growth in Changing Rural Scenario" from Nov. 14-16, 2019 held at SKRAU, Bikaner, Rajasthan
- 2019 **Young Researcher Award** at National Seminar on Entrepreneurship issues and challenges in dairy and food processing industries from Nov. 10-12, 2019 held at Jiwaji University, Gwalior, Madhya Pradesh
- 2021 **Best Oral Presentation award** at ISEE National Seminar on "Transforming Indian Agriculture Through Pluralistic & Innovative Extension Approaches

for Self Reliant India” from Oct. 4-6, 2021 held at Banaras Hindu University, Varanasi, Uttar Pradesh

2023 **First Best Research Article Award** in the category of “Dairy Economics, Extension and Management for the year 2021 by Indian Dairy Association (IDA), New Delhi

### **Publications**

Total 28: Research papers 11, Book Chapters 5, Popular scientific articles 10, Blogs 2  
*Google Scholar Citations*: Total citations 86, H-index 5, i10 index 3

### **Best-10 Publications**

1. **Patnaik, N.M.**, Gupta, J., Maji, S., Acharya, P and Das, A. 2021. Intention of veterinary doctors towards antimicrobial usage and resistance: applying ‘theory of planned behaviour’ for scaling. *Indian Journal of Dairy Sciences*. 74(4): 346-355
2. **Patnaik, N.M.**, Meena, B.S., Maji, S. and Kar, P. 2023. Strategic framework construction for sustainable livelihood of livestock farmers in drought prone areas: A participatory approach from Odisha. *Indian Journal of Dairy Sciences*. 75(5): 465-471
3. Acharya, P., Lathawal, S.S., Baithalu, R., Moharana, B., Thul, M and **Patnaik, N.M.** 2019. Supplementing rumen protected choline with green tea extract improves reproductive performance in transition Karan Fries cows. *Indian Journal of Animal Research*. 54(4): 452-455
4. **Patnaik, N.M.**, Gupta, J., Acharya, P and Kar, P. 2019. Use of antimicrobials for treatment of dairy animals by veterinarian and paravet in Punjab: A study on prescription pattern. *Indian Journal of Extension Education*. 55(1): 86-91.
5. **Patnaik, N.M.**, Gupta, J., Kar, P and Acharya, P. 2019. Consultation pattern and follow up treatment practices by dairy farmers in Punjab. *The Haryana Veterinarian*, 58(2): 217-219
6. **Patnaik, N.M.**, Gupta, J and Meena, B.S. 2020. Field level study to understand dimensions of antimicrobial use in dairy farms of Punjab. *Indian Journal of Dairy Sciences*. 73(5): 457-463
7. Acharya, P., Lathwal, S.S., **Patnaik, N.M** and Moharana, B. 2019. Rumen Protected Choline along with Green Tea Extract Maintain Glucose Homeostasis in Transition Karan Fries Cows. *Indian Journal of Animal Nutrition*. 36(3): 276-280
8. Das, A., Raju, R and **Patnaik, N.M.** 2020. Status, Impact, and Factor Determining Rural Non-farm Economy of India: A Review. *Indian Journal of Economics and Development*. 16: 68-76
9. Acharya, P., Lathwal, S.S., Singh, P., **Patnaik, N.M.** and Moharana, B. 2020. Effect of supplementation with rumen-protected choline and green tea extract on production performance of transition Karan Fries cows. *Veterinary World*. 13(3): 489-494
10. Das, A., Mohapatra, S and **Patnaik, N.M.** 2021. Feminization of Indian Agriculture: A Review. *Agricultural Reviews*. 42(4): 434-439

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