

BRIEF RESUME OF DR. DILIP KUMAR HAJRA

Name: Dilip Kumar Hajra

Present Designation: Assistant Professor

Educational Qualification: Ph.D

Teaching Experience (in years): 12



Awards/ Recognitions:

- Recipient of Young Scientist Award (2025) conferred by SAAST, Odisha.
- Best Oral Presentation Award at International Conference on “Modern Agriculture and Allied Science” organized by SAAST during March 20-21 December 2025.
- Best poster presentation award at IPSACON conference held at Guru Angad Dev Veterinary & Animal Science University, Ludhiana, in 2007.

Publication (Best five):

1. **D.K. Hajra**, Shive Kumar, D. Kumar, A.K. Ghosh and J.P. Korde (2011) Incandescent and fluorescent light source: stress, performance and welfare of broiler. Indian Journal of Poultry Science, 46(3): 356-360.
2. Manas Kumar Patra, **D.K. Hajra**, R.K. Das, Pradip Sarkar and Bidyut C. Deka (2018) Effect of season on growth and reproduction performance of improved backyard poultry in North Eastern Hill Region, Indian Journal of Animal Research, 52 (7) : 1071-1076.
3. **Hajra, D.K.**, Tyagi Praveen, K., Tyagi Promod, K. and Mandal, A.B. 2019. Production of egg with low cholesterol and high omega-3 fatty acid through dietary manipulation. Animal Nutrition and Feed Technology, 19: 37-46.
4. Satyendra Nath Mandal, Pritam Ghosh, Kaushik Mukherjee, Sanket Dan, Subhranil Mustafi, Kunal Roy, **Dilip Kumar Hajra** and Santanu Banik. (2020). InceptGI: a ConvNet-Based Classification Model for Identifying Goat Breeds in India. Journal of The Institution of Engineers (India): Series B. 101: 573–584 <https://doi.org/10.1007/s40031-020-00471-8>.
5. Tamara M. Jackson, Ravi Nandi, Arifa Jannat, Arunava Ghosh, **Dilip Kumar Hajra**, Biplab Mitra, Md Mamunur Rashid, Sagar Bista, Anjana Chaudhary, Pragya Timsina, Emma Karki, Kali Rattan Chakma, Gunjan Rana, Avinash Kishore. (2025). Patterns

Dilip Kumar Hajra

11/09/2026

of livelihood diversification in farming systems of the Eastern Gangetic Plains.
Agricultural Systems, 227, 104346, doi: <https://doi.org/10.1016/j.agsy.2025.104346>.

Seminar/Symposium/Workshop Organized:

- Course coordinator of ICAR-sponsored 10-day short course on “Doubling Farmers’ Income & Livelihood Security: Role of Contemporary Technological Intervention”, during 4-13 February 2020.
- Coordinator, ICAR sponsored SC-SP for farmers training during 2019-20 to 2023-24
- Organising secretary of National Webinar on “Backyard Poultry: An Opportunistic Rural Venture for Employment and Empowerment”.
- Coordinator of PG & Ph.D. seminars in the Department of Agronomy.

Academic Supervising Experience (Completed/continuing):

- Major supervisor in M.Sc- Four students completed, One student continuing
- Major supervisor in Ph.D.- Nil

Projects exposure as PI/Co-PI (completed/On-going):

- Rupantar – Transforming food system in Indo Gangetic Plain; Funded by ACIAR, working as Co-PI; total budget – ₹102 lakh *Ongoing*
- Image based system for identification of individual, breeds and diseases of goats and pigs (Image IDGP). Funded by Madia Lab Asia, Ministry of Communication & Information Technology, Govt of India; worked as PI; Total budget – ₹320 lakh, *Completed (2018)*
- **Socio-economic development of weaker section through piggery.** funded by Rashtriya Krishi Vikash Yojana (RKVY); worked as PI; Total budget- ₹27.5 lakh, *Completed (2022)*
- **Duck rearing for women empowerment.** funded by NABARD; worked as Co-PI; Total budget- ₹5 lakh, *Completed (2021)*

Research and Extension Experience:

- Low-cost hydroponic fodder production. Implemented with ARDD & UBKV, Cooch Behar. Goat farmer clusters adopted technology
- Innovative straw treatment for its use as goat feed, implemented in collaboration with ARDD. Widely adopted by farmers in Cooch Behar
- Innovative project formulation under NLM for establishment of pig and goat farming. One commercial pig farm established in Sonapur, Cooch Behar; Capacity: 100 breed able pigs.
- Associated with formation of women led FPC working on goat at Coochbehar District

Institutional Building Activities:

- Member, Publication Committee, UBKV
- Member, KVK Monitoring & Evaluation Committee

Dilip Kumar Haipra

11/09/2026

- Coordinator for implementation of training course in UBKV in collaboration with Agricultural Skill Council of India (ASCI) and National Skills Foundation of India (NSFI)
- In charge, Integrated Farming System model, under the Department of Agronomy, UBKV, Pundibari

Areas of Interest:

Poultry and livestock production systems, Integrated Farming Systems, Application of Digital and AI tools in livestock farming, women empowerment through livestock farming, rural entrepreneurship and technology transfer.

Dilip Kumar Haigra

11/09/2026

Dilip Kumar Haigra

11/09/2026