

# Resume of Dr. Ipsita Samal

1. Name: **Dr. IPSITA SAMAL**

2. Designation: **Scientist, Agricultural Entomology**

## 3. Educational Qualification

- **M.Sc. Entomology** from ICAR-Indian Agricultural Research Institute, New Delhi

Research Topic: “Biochemical Changes in *Chilo partellus* (Swinhoe) Populations Reared on Maize Genotypes”

- **Ph.D. Entomology** from ICAR-Indian Agricultural Research Institute, New Delhi

Research Topic: “Identification and Characterization of *Brassica* genotypes for different mechanisms of Resistance to Aphid, *Lipaphis erysimi* (Kaltenbach).”

## 4. Research Articles

- Ankur, P. R., Bhoi, T. K., Pensiya, M., Tetarwal, M. L., **Samal, I.**, & Majhi, P. K. (2022). Impact of weather parameters on okra shoot and fruit borer infestation. *The Pharma Innovation Journal*, 11(4), 1736-1739.
- Kulhari, A., Patel, R. K., Tetarwal, M. L., Bhoi, T. K., & **Samal, I.** (2023). Biology and Morphometric Study of Okra Shoot and Fruit Borer *Earias Vitella* (F.). *Indian Journal of Entomology*.
- Kumar, H., Bhoi, T. K., **Samal, I.**, Kumar, A., Tanwar, N. T., & Dhillon, M. K. (2019). Developmental biology of *Chilo partellus* (Swinhoe) on diverse sorghum genotypes.
- Sahu, B. K., **Samal, I.**, & Sarkar, D. (2021). Impact of degree-day summation on infestation of gall insect, *Pauropsylla beesoni* Laing on soalu, *Litsea monopetala* Roxb., the primary host plant of muga silkworm, *Antheraea assamensis* Westwood.
- Sahu, B. K., **Samal, I.**, Sarkar, D., & Bhoi, T. K. (2020). Population dynamics of gall insects infesting som and soalu plants. *Indian Journal of Entomology*, 82(2), 223-225.
- **Samal, I.**, Dhillon, M. K., & Singh, N. (2021). Biological performance and biochemical interactions of mustard aphid (*Lipaphis erysimi*) in *Brassica juncea*. *Indian J. Agric. Sci*, 91, 1347-1352.
- **Samal, I.**, Dhillon, M. K., Tanwar, A. K., & Bhoi, T. K. (2021). Biological performance of different *Chilo partellus* populations on diverse maize genotypes. *The Indian Journal of Agricultural Sciences*, 91(3).
- **Samal, I.**, Dhillon, M. K., Tanwar, A. K., Kumar, S., & Hasan, F. (2022). Biological performance and amino acid profiles of different geographical *Chilo partellus* populations on diverse maize genotypes. *Entomologia Generalis*, 42(3).
- **Samal, I.**, Singh, N., Bhoi, T. K., & Dhillon, M. K. (2022). Elucidating effect of different photosynthetic pigments on *Lipaphis erysimi* preference and population build up on diverse *Brassica juncea* genotypes. *Annals of Applied Biology*, 181(2), 201-214.