

Brief Biodata

Dr Soumya Dash

Scientist

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Dr Soumya Dash, born on June 11, 1986 in Odisha. She had done B.V.Sc & A.H. (2010) from C.V.Sc & A.H., Orissa University of Agriculture & Technology, Bhubaneswar. Then she had completed both M.V.Sc (2013) and Ph.D. (2017) in the discipline Animal Genetics & Breeding from ICAR-National Dairy Research Institute, Karnal. She was associated with teaching UG students at Birsa Agricultural University, Ranchi during 2017-18. She joined ICAR as scientist in 2018 and currently posted at ICAR-National Institute of Biotic Stress Management, Raipur, (CG).

Her area of research included application genomic technologies for genetic diversity analysis, identifying selection signatures for economic traits in the genome of cattle. She has published the first research paper on Bovine High-Density SNP genotyping array on Indian cattle breeds. She has experience in bioinformatics for SNP array data analysis using various softwares. She is able to utilize various packages in R for data analysis. She has the skill to handle large scale breeding data for estimation of breeding value and genetic trend in buffaloes. She also knows the somatic cell culture techniques of livestock breeds from ear tissue for their cryopreservation. She has also the basic knowledge on molecular biology techniques.

She has been bestowed with several awards and honours including ICAR-JRF for Masters, DST-INSPIRE Fellowship for Doctoral Research. She had also qualified ICAR-SRF. She had received University Gold Medal from NDRI in 2013-14. She was also a member of Academic Council at NDRI. She also got best poster presentation award in conference held at CIRC, Meerut. She had attended one CAFT training programme at NDRI. She also did a short certificate course on laboratory animal science at IGIB, New Delhi. She has published 17 research papers in International and Indian reputed journals. She has also published 10 popular articles including review papers and training manuals. All her contributions in the research field had citations- 247, h index-8 and i10 index-3.

Google scholar: <https://scholar.google.co.in/ Dr Soumya Dash>