

Haragopal Dutta

Scientist B (Genetics and Plant Breeding), Host Plant
Division, Central Tasar Research and Training
Institute (CTRТИ), Ranchi-835303, Jharkhand, India

20.08.1998/8167899311/haragopalbckv@gmail.com



- Qualified CSIR-UGC JRF(NET)
December 2022-June 2023
- Qualified ICAR ASRB NET 2023
- AIR 2 in ICAR SRF 2022
- AIR 6 in ICAR JRF 2020
- Qualified WBEE 2016

Permanent Address:

Vill + PO: Kishorimohanpur, Block: Kultali, Dist: South 24 parganas, West Bengal-743383

Education:

M.Sc. thesis title: Identification of marker(s), biochemical parameters, genes and pathways regulating the seed size in lentil (*Lens culinaris* Medik.)

Degree	Institution	Score
M.Sc. (Genetics & Plant Breeding)	ICAR-IARI (New Delhi)	8.64/10 OGPA (2022)
B.Sc. (Ag.) Hons.	BCKV (West Bengal)	8.47/10 OGPA (2020)
12 th (Pure Science)	DMDHS (West Bengal)	92.20% (2016)
10 th (All)	BHS (West Bengal)	90.42% (2014)

Publications (International): 04

1. **Dutta, H.**, Sawarkar, A., Dutta, S., Pradhan, A., Yumnam, S., Paul, D., Mondal, B. P., Panigrahi, K. K. (2023). Genomic approaches to ensure a more sustainable and productive future of mulberry for sericulture industry. *The Pharma Innovation*, 12(9), 2001–2011.
<https://doi.org/10.22271/tpi.2023.v12.i9v.22980> (Cited by 0, NAAS rating 5.23)
2. **Dutta, H.**, Bhattacharya, S., Sawarkar, A., Pradhan, A., Raman, R. B., Panigrahi, K. K., Banerjee, K., Dutta, S. (2023). High yielding mulberry production through controlled pollination for enhanced vegetative growth and early sprouting suitable for tropical agroclimatic regions. *The Pharma Innovation*, 12(3), 4485–4492. <https://doi.org/10.22271/tpi.2023.v12.i3aw.19445> (Cited by 2, NAAS rating 5.23)
3. **Dutta, H.**, K. M., S., Aski, M. S., Mishra, G. P., Sinha, S. K., Vijay, D., C. T., M. P., Das, S., Pawar, P. A. M., Mishra, D. C., Singh, A. K., Kumar, A., Tripathi, K., Kumar, R. R., Gupta, S., Kumar, S., & Dikshit, H. K. (2023). Morpho-biochemical characterization of a RIL population for seed parameters and identification of candidate genes regulating seed size trait in lentil (*Lens culinaris* Medik.). *Frontiers in Plant Science*, 14. <https://doi.org/10.3389/fpls.2023.1091432> (Cited by 0, NAAS rating 11.6)
4. **Dutta, H.**, Mishra, G. P., Aski, M. S., Bosamia, T. C., Mishra, D. C., Bhati, J., Sinha, S. K., Vijay, D., C. T., M. P., Das, S., Pawar, P. A. M., Kumar, A., Tripathi, K., Kumar, R. R., Yadava, D. K., Kumar, S., & Dikshit, H. K. (2022). Comparative transcriptome analysis, unfolding the pathways regulating the seed-size trait in cultivated lentil (*Lens culinaris* Medik.). *Frontiers in Genetics*, 13. <https://doi.org/10.3389/fgene.2022.942079> (Cited by 5, NAAS rating 9.7)

Awards: 03

1. **Best poster award** entitled “Comparative RNA Seq studies deciphered the seed size regulating pathways in lentil (*Lens culinaris* Medik.)” presented in the Symposium TENDING MENDEL’S GARDEN FOR A PERPETUAL AND BOUNTIFUL HARVEST commemorating birth bicentenary of Gregor Johann Mendel on 19-21st July 2022 at ICAR-IARI, New Delhi.
2. **Best oral presentation award** entitled “Identification of linked SSR marker regulating the seed-size trait in lentil (*Lens culinaris* Medik.) using BSA” on 5th DISHA-2022 at KNIPS, Sultanpur, UP.
3. **Best poster presentation award** entitled “Characterization of a lentil (*Lens culinaris* Medik.) RIL population for seed parameters and identification of candidate genes regulating seed size” for three days 3rd International Conference on Food, Agriculture, and Innovations on 24-26th December-2021 at Ranchi, Jharkhand.

Sequence submitted: 01

1. Raw sequence reads (L4602 & L830) submitted to NCBI SRA database: Submission ID: SUB10960795; BioProject ID: PRJNA800200. <https://www.ncbi.nlm.nih.gov/bioproject/800200>

Workshop attended: 03

1. NAHEP-CAAST sponsored Training Program on “Genome Editing: The Next Frontier in Agricultural Innovation” organized by Division of Plant Physiology, ICAR-IARI, New Delhi from 28th Aug-6th Sept 2023.
2. Workshop Cum Hands-on-Training on “Creating Healthy World Through Agriculture Base, Balanced Diet” jointly organized by the Division of Biochemistry, ICAR-IARI & Society for Plant Biochemistry and Biotechnology, New Delhi during 06-08th September 2021 in Hybrid Platform.
3. Workshop on “Development of Soft Skills for Entrepreneurship among Agri Graduates” under NAHEP Comp 2A ICAR-NAARM, Hyderabad at Bidhan Chandra Krishi Vishwavidyalaya, West Bengal on 12th February 2020.