

G J Abhishek

Scientist-B, Host Plant

Central Muga Eri Research & Training Institute, Central Silk Board,
Ministry of Textiles - Govt. of India, Lahdoigarh, Jorhat, 785700, Assam, India

E-mail: gjabhishek@csb.gov.in



Educational Qualification

Ph.D. (Agri) in Plant Genetic Resources

2020-2023

ICAR-Indian Agricultural Research Institute, New Delhi

Thesis Title: Genome Wide Association Studies on Yellow Mosaic Disease

Resistance in Cowpea Germplasm

M.Sc. (Agri) in Plant Genetic Resources

2018–2020

ICAR-Indian Agricultural Research Institute, New Delhi

Thesis Title: Evaluation of diverse cowpea germplasm against Bean common mosaic virus using serological and molecular diagnostics

B.Sc. Agriculture

2014–2018

College of Agriculture, Kalaburagi (UAS Raichur)

Paper Published

1. **G. J Abhishek**, Kuldeep Tripathi, K. Kalaiponmani, D.D. Deepika, Ruchi Sharma, A.K. Maurya, V. Celia Chalam. (2024). Germplasm screening for identification of BCMV resistance sources from diverse cowpea (*Vigna unguiculata* (L.) Walp.) germplasm using serological and molecular diagnostics. *Legume Research*, 47(9), 1446-1452.
2. **G J Abhishek**, Kuldeep Tripathi, Susheel Kumar Sharma, Nitika Gupta, Damini Diksha, Amalendu Ghosh, Sunil Archak, Dhammaprakash P Wankhede, Deepika D D, Danakumar T, Kalaiponmani, Vignesh Muthusamy, and V. Celia Chalam. (2024). Identification of Cowpea (*Vigna Unguiculata*) Germplasm Accessions Resistant to Yellow Mosaic Disease. *Indian Journal of Genetics and Plant Breeding*, 84(02), 258-265.
3. **G J Abhishek**, Kuldeep Tripathi, Deepika, D D, Vaishali Dutt Sharma, Amaresh C, K. Kalaiponmani, Priya Yadav & V. Celia Chalam. (2025). RT-PCR assay standardization for the diagnosis of cowpea infecting Bean common mosaic virus. *Legume Research*, 48.
4. Deepika D D, Tripathi K, **Abhishek G J**, Singh N, Sharma R, Sharma V D, Maurya A, & Chalam V C. (2023). Identification of BCMV resistant germplasm in mungbean (*Vigna radiata*) using serological and molecular diagnostics. *The Indian Journal of Agricultural Sciences*, 93(1), 98-101.
5. Deepika, D D, Kuldeep Tripathi, **Abhishek G J**, Amaresh, K. Kalaiponmani, Vaishali Dutt Sharma, B. Parameswari, Pooja kumari & V. Celia Chalam. Reverse Transcription–Polymerase Chain Reaction (RT-PCR) based detection and identification of monopartite Bean common mosaic virus in Mungbean. *Legume Research*, 48(5).
6. Deepika D D, Padhi S R, Gore P G, Tripathi K, Katral A, Chandora R, **Abhishek G J**, Kondal V, Singh R, Bharadwaj R, Bhatt KC, Rana JC & Riar A. (2023). Nutritional Potential of Adzuki Bean Germplasm and Mining Nutri-Dense Accessions through Multivariate Analysis. *Foods*, 12(22), 4159.