

CHINTALA .RAMESH

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An aspiring student seeking an effective workplace to learn new things and make significant contributions in agriculture biotechnology with passion, enthusiasm, creativity, determination, and self-motivation.

EDUCATION

diploma in agriculture (Seed technology)

NRRagriculturepolytechnical College, SALUR

Aacharya NG Ranga agricultural University May 2020, Percentage – 78.83%

B.Sc. Agri. Biotechnology

University College of Agriculture, Talwandi Sabu, Punjab

(Guru Kashi University, Talwandi sabo, Bhatinda, Punjab) Nov 2021 - May 2025

OGPA – 7.07/10

WORK EXPERIENCE

Summer intern at Indian Institute of Technology, Hyderabad, India (Jan 2020 – March 2020)

Project- Unraveling the function of Phosphodiesterase enzyme.

Senior Research Fellow at Indian Institute of Rice Research (Jan 2023 – Nov 2025)

Project- Deciphering and deploying low phosphorous tolerance and nitrogen use efficiency in rice using targeted genomics approach.

AWARDS/FELLOWSHIP

AGRICET 2020

All over Andhrapradesh - 122

ICAR NET (Ph.D.) 2021

All India Rank - 52 (OBC- 20)

PROJECTS WORKED IN

Genetic transformation of tobacco with fungal chitinase (*Bbchit*) for insect resistance

Master student at TNAU Coimbatore Oct 2021 - Aug 2022

- Isolation of *Bbchit* gene from *Beauveria bassiana*
- Development of plant transformation construct expressing *Bbchit*
- *Agrobacterium*-mediated transformation of tobacco with *Bbchit* gene
- Molecular analysis of putative transgenic tobacco plants
- In-silico analysis of chitinase gene, *Bbchit*

Hands-on Training

Undergraduate student at College of Agriculture College (GKU) Jul 2020 - Nov 2020

- Learned basic laboratory skills, chemical handling and good laboratory practices
- GA Biosynthesis in potato tuberization
- Basics of Genetic engineering and molecular techniques

English Proficiency Tests

- IELTS- Academic- 6.0 (CEFR level- B2)
- Duolingo English Test Score- 110

CERTIFICATION

A Global Conference on “ Agricultural Genomics: Progress and Prospects”

Guru Kashi University, Talwandi Sabu, Bhatinda, Punjab (Oct 21- 23, 2021)

Hands-on Training programme in Molecular Diagnostics

Guru Kashi University, Talwandi Sabu, Bhatinda, Punjab (March 23- 25, 2022)

PUBLICATION

Chintala Ramesh, k.s. Sankari, R. D., Balasubaramani, V., & Murugan, M. (2022). Isolation, Computational Characterization and Structure Prediction of Chitinase Gene-Bbchit of *Beauveria bassiana*. *International Journal of Plant & Soil Science*, 34(22), 1063-1070. <https://doi.org/10.9734/ijpss/2022/v34i2231470>

SKILLS

- DNA, RNA and Protein isolation and quantification
- PCR, RT-PCR, SDS-PAGE, Western blotting and ELISA
- Microbial culture, Plasmid isolation, Cloning, Bacterial transformation and expression analysis.
- Spectrophotometer, Gel documentation
- *Agrobacterium-mediated* plant transformation
- Microsoft Office- Excel, PowerPoint, Word
- Bioinformatics - BLAST, Primer designing, Multiple sequence alignment and Modeling.
- Good communication and time management
- Linux, R- programming languages
- Genome association studies (GWAS), QTL-mapping and RNA seq analysis

LANGUAGES

Telugu
Englis , Hindi

REFERRAL

Dr. K K Kumar

Professor (Biotech.), Tamil Nadu Agricultural University Coimbatore, India, (kumarbiotech@gmail.com)

Dr. B T Krishnaprasad

Professor (Biotechnology), College of Agriculture Hassan, University of Agricultural Sciences
Bangalore (keprasad1@yahoo.com)

Dr. Geeta Govind

Assistant Professor (Biotechnology), College of Agriculture Hassan, University of Agricultural
Sciences Bangalore (geeagri@gmail.com)
