



Dr. N. Marappa, Associate Professor

Teaching

UG Courses

2. Fundamentals of Cytogenetics GPB121 (1+1)
3. Crop Breeding: GPB 211 (1+1)
4. Intellectual Property Rights GPB 321 (1+0)

MSc courses

1. Population Genetics: GPB 510 (2+1)
2. Principles of cytogenetics GPB 502 (2+1)
3. PGS 503 (E-Course) Intellectual Property Rights & its Management in Agriculture (1+0)

5. Research

Technology in pipe line: Developed 22 biofortified cowpea advanced breeding lines for zinc and iron, station trials are going to release zinc rich cowpea variety.

Varieties developed as collaborator: Cowpea varieties, PKB6 and AV-5; Groundnut varieties, Chintamani-2 (KCG-2) and GKVK5 for Eastern Dry Zone of Karnataka.

Varieties developed as Breeder: Groundnut Varieties GKVK 27 and Cowpea variety KBC-11 for Eastern Dry Zone of Karnataka.

Projects: Completed as PI:2 as Co-PI:2

Projects: Ongoing as PI:2 as Co-PI:1

Training Programmes Organized:3

Participation in Summer Schools/Winter Schools/ Refresher Course/Special Training/Seminar/Workshop/Conference 2015-2020:8

Resource Person in Training Programmes:5

Publications

Research Full Length Papers Published in Journals:24

Research Note:1

Recent Abstracts: 10

Guiding students

2012-20 Served as Member of advisory committee of 15 M. Sc., /Ph.D students

2014-20 Served as Chairman of advisory committee of 7 M. Sc., students

Awards

2008 Best poster award for Genetic diversity studies in mungbean

2008 Best poster award for Identification of resistance sources to *Cercospora* leaf spot disease in mungbean germplasm and its wild relatives

2014 Best paper presentation award Methodologies for computation and SAS based analysis of numerical output from Agrobacterium Mediated transformation system

2020 Best poster presentation Genetic analysis of accumulation of zinc and iron in the grains of cowpea (*Vigna unguiculata* L. Walp)

International Exposure

Recently visited University of Ruhuna, Matara, Faculty of Agriculture, Mapalana and National Institute of Fundamental Studies, Kandy, Sri Lanka from 20-30th March 2022 as Visiting Scientist/Fellow as a part of International Training on “NGT for forecasting in precision breeding including use of advanced genomic tools and introgressionomics” project funded by ICAR and world bank through UAS Bangalore.

Social Links

Personal Website: <https://www.nmaars.com/>

Google Scholar:

<https://scholar.google.com/citations?user=MWjZRxgAAAAJ&hl=en>

Linkedin Profile: <https://www.linkedin.com/in/marappa-n-b33161122/>

Researchgate <https://www.researchgate.net/profile/Marappa-Narayanappa>

Youtube Channel: <https://www.youtube.com/c/nmaarsnm>

Facebook: <https://www.facebook.com/nmaars>