



Ramesh S. Bhat, Professor, Department of Biotechnology, University of Agricultural Sciences, Dharwad, India, bhatrs@uasd.in, +91-836-2214457, +91-9945667300

Education

- B. Sc. (Agriculture, Agronomy) with a Gold Medal (1991)
- M. Sc. (Agriculture, Genetics and Plant Breeding) with two Gold Medals (1994)
- Ph. D. (Agriculture, Genetics and Plant Breeding) with a Gold Medal (1998)

Experience

- Visiting Scientist at CSIRO, Australia with DST-BOYSCAST Fellowship (2005-06)
- Visiting Scientist at USA (2015) and Japan [2015, 2017 (twice) and 2019]
- Twenty-three years of teaching and research experience at UAS, Dharwad
- Taught several courses on molecular biology and biotechnology
- Handled more than 30 research projects from DBT, ICAR, DST, BRNS, GoK and RKVY including Indo-Japan Research Project, Indo-UK (Newton-Bhabha Fund) project, CGIAR and DST Fast Track Project for Young Scientists worth ~70 million INR
- Since 2009, working on peanut genomics and molecular breeding, where the interest is to develop new markers and marker systems, mapping and marker-assisted backcrossing to improve foliar disease resistance and oleate content. Two genotypes have been approved for commercial release. Contributed for the development of a drought tolerant peanut variety Dh-256. Also, pursuing DNA methylation and genetic instability in groundnut
- Previously, worked on rice biodiversity and released three high yielding varieties [IR-57773 (Sharavati), IET-13901 and KHRS 21 (KHP 9)], worked on *Ac/Ds* tagging, promoter trapping, and lectin gene cloning and transformation
- Guided 23 M. Sc. and 10 Ph. D. students
- Published more than 85 peer-reviewed papers in international and national journals (Plant Biotechnology Journal, Frontiers in Plant Science, PLoS One, Theoretical and Applied Genetics, Crop Journal, Molecular Breeding, Transgenic Research, Euphytica, Crop Science, Plant Breeding, Glycoconjugate Journal, Plant Cell Tissue and Organ Culture, Plant Systematics and Evolution, BMC Research Notes, Plant Gene, Physiologia Plantarum etc) and contributed 11 chapters for Springer published books

Recognition and awards

- Alumni of International Visitors Leadership Program (IVLP) on IPR at USA (2015)
- Ambassador of Goodwill from Governor of Arkansas, USA (2015)
- Indian Delegate to Australia to study Environmental Risk Assessment of GM crops (2017)
- Sir C. V. Raman Young Scientist State Award (2014)
- Jawaharlal Nehru Award for Outstanding Doctoral Thesis Research in Agricultural and Allied Sciences 2018 – Biotechnology for the thesis of one of the Ph. D. students
- Best Research Scientist Award from UAS, Dharwad for 2018-19
- Five Incentive Awards from UAS, Dharwad for the *ad hoc* projects
- Best poster/thesis/presentation awards (at least ten)
- Member of VI Deans' Committee of ICAR for Biotechnology
- Subject Editor for BMC Biotechnology and Journal of Plant Biochemistry and Biotechnology