

	Name: Dr. Mohana, G.S.	Year of Birth: 15/07/1972
	Qualification: M.Sc. (Agri), Ph.D. (Genetics & Plant Breeding)	
	Present Position: Senior Scientist (Genetics and Cytogenetics) I/c Agricultural Knowledge Management Unit I/c Project Coordinating cell, AICRP, Cashew	Contact Address : ICAR-Directorate of Cashew Research, Puttur- 574 202 Dakshina Kannada district Karnataka State, India Phone (Office): 08251 230902 Mobile: 9902273468 Email: mohangs2007@gmail.com
Brief Work Experience	The scientist is working on Cashew Improvement at the ICAR-Directorate of Cashew Research, Puttur since 6 years. He is involved in germplasm conservation and evaluation in addition to breeding of better cashew genotypes. Earlier, he worked as Scheme Head of Rice breeding at Agricultural Research Station, Ponnampet (UAS, Bangalore) in Coorg district of Karnataka state. He had collected and characterized about 300 traditional rice varieties of the central Western Ghats which were not available earlier. He was actively involved in development of varieties such as PUBM-8, BKBM- 23, KHP-10 and KHP-11. He was involved in teaching undergraduate and post graduate students. He has a total of 197 publications to his credit. He has visited USA, Kenya and France on various research assignments.	
Current Areas of Interest	Cashew genetic resource conservation and utilization Cashew genetics and breeding Molecular markers in cashew Application of computers in cashew information management	
Publications	a) Research Papers: 21 b) Research notes: 17 c) Short communications: 10 d) Full length papers published in seminars: 4 e) Books/ Book chapters: 8 f) Policy documents/Reports: 5 g) Extension bulletins: 18 h) E-publications: 10 i) Popular articles: 97 j) Radio Talks: 2 k) TV interviews: 2 l) Websites developed: 2	

	m) Decision Support system : 1
Representative Research Papers (recent ones)	<ol style="list-style-type: none"> 1. Mohana, G.S, & Nayak, M. G., 2018. Development of the core collection through advanced maximization strategy with heuristic approach in cashew (<i>Anacardium occidentale</i> L.). <i>Plant Genetic Resources: Characterization and Utilization</i>, 1-11. https://doi:10.1017/S1479262118000035 2. G.S. Mohana, M.G. Nayak and E. Eradasappa, 2017, Genetic architecture of cashew germplasm accessions. <i>Journal of Plantation Crops</i> 45(1): 57-65 3. J. Dinakara Adiga, G.S. Mohana, E. Eradasappa, R.K. Meena and P.L. Saroj, 2017, Development of Jumbo Nut Hybrid and Character Association Studies in Cashew (<i>Anacardium occidentale</i> L.), <i>Vegetos</i> 30(Special-2) : 336-339 4. Babli Mog, Adiga, J.D., Nayak, M.G. and G.S. Mohana, 2017, Variation in seed mass as key factor in germination and seedling vigor in cashew (<i>Anacardium occidentale</i> L.), <i>Bioscan</i> 12(1): 657-665 5. Babli Mog, J.D. Adiga, M.G. Nayak and G.S. Mohana, 2017, Germination and seedling establishment in cashew (<i>Anacardium occidentale</i> L.): An interaction between seed size, relative growth rate and seedling biomass <i>Journal of Plantation Crops</i>, 45(2): 110-120 6. Thimmappaiah, Shobha D, G.S. Mohana, J. Dinakara Adiga, and P.G. Bhat, 2016, Fingerprinting of Released Varieties of Cashew based on DNA Markers, <i>Vegetos</i> 2016, 29(4): 89-95 7. Thimmappaiah, D Shobha, W G Santhosh, G S Melwyn, G S Mohana and M G Nayak, 2016, Identification of unique subset of cashew germplasm using DNA marker analysis. <i>Indian Journal of Biotechnology</i> 15: 363-37 8. Eradasappa, E. and Mohana, G.S., 2016, Role of pollination in improving productivity of cashew- A review., <i>Agricultural Reviews</i> 37 (1):61-65.

	<p>9. J Dinakara Adiga, Eradasappa E, Mohana G S, R K Meena and M G Nayak, 2016, Seedling selection in open pollinated genotypes of cashew (<i>Anacardium occidentale</i>). <i>Indian Journal of Agricultural Sciences</i>, 86 (1): 82-5</p> <p>10. J Dinakara Adiga, E Eradasappa, G S Mohana, Thimmappaiah, R K Meena, and M G Bhat, 2015, A Quest for Dwarf and Compact Hybrids in Cashew (<i>Anacardium occidentale</i> L.), <i>Vegetos</i>. 28 (1): 26-30.</p> <p>11. Lakshmipathi, J. Dinakara Adiga, D. Kalaivanan, G.S. Mohana and Ramkesh Meena, 2015, Effect of foliar application of certain micronutrients on photosynthesis and yield of Cashew (<i>Anacardium occidentale</i> L.) var. Bhaskara under South West Coast region of Karnataka. <i>Ecology Environment and Conservation</i> 21 (1):517-520</p> <p>12. Adiga, J.D., Kalaivanan, D., Meena, R.K., Mohana, G.S. and Lakshmipathi, 2014, Performance of vigorous cashew cultivars as influenced by dwarf root stocks. <i>Vegetos</i> 27(2): 242-248</p> <p>13. Lakshmipathi, J. Dinakara Adiga, D. Kalaivanan, G.S. Mohana and Ramkesh Meena, 2014, Effect of growth regulators on leaf area and yield of cashew (<i>Anacardium occidentale</i> L.) Var. Bhaskara. <i>Ecology Environment and Conservation</i> 20 (Supp): S421-S423</p> <p>14. Lakshmipathi, J. Dinakara Adiga, D. Kalaivanan , G.S. Mohana and Ramkesh Meena, 2014, Effect of plant growth regulators, quadrants and time of the day on photosynthetic activity in cashew (<i>Anacardium occidentale</i> L.) Var. Bhaskara. <i>Ecology Environment and Conservation</i> 20 (Suppl.): S425-S428.</p> <p>15. E. Eradasappa, G.S. Mohana, Thimmappaiah and P.L. Saroj. 2014. Pollen fertility in cultivated and wild species of cashew. <i>Journal of Plantation Crops</i> 42(2): 268-27.</p>
<p>Any other relevant information</p>	<p>1. Peerless oral presentation award - National Conference on Fruit Breeding in Tropics and Subtropics – An Indian Persepective held ta ICAR- IHR, Bengaluru during 27-29th of April, 2016</p>

	<ol style="list-style-type: none">2. Best Poster presentation award - 1st International Agrobiodiversity Congress – Science, Technology, Policy and Partnership during 6-9th of November 20163. Member of the Agro-biodiversity subcommittee at Biodiversity Board, Government of Karnataka from 26-05-2010 to 25-05-20134. 2007, Adjunct fellow, Ashoka Trust for Research in Ecology and the Environment, Bangalore. A CISRO recognized civil society organization.5. Awarded Council of Scientific and Industrial Research (CSIR) fellowship for Ph. D., 19976. Recipient of National Eligibility Test (NET) certificate in Plant Breeding, 19957. Awarded Indian Council of Agricultural Research (ICAR) fellowship for M. Sc. Program, 19958. Recipient of 8 gold medals for securing the highest grade point average (3.99 GPA) among B.Sc.(Agri.) graduate students for the academic year 1990-1994.9. Recipient of 'Best Outgoing Student' award for the academic year 1990-1994.
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