

**DEPARTMENT OF GENETICS AND PLANT BREEDING**

**BIO-DATA (In Brief)**



1. NAME		:	H.D.MOHAN KUMAR		
2. DESIGNATION		:	Chief Scientist(Plant Breeding) and Special Officer (Seeds)		
3. DATE OF BIRTH		:	17-04-1960		
4. EDUCATIONAL QUALIFICATION: (Starting from the highest degree)					
Degree	Year of passing	Institution	Area of Specialization	Marks obtained (OGPA)	Result
Ph. D	1999	College of Agriculture UAS, Dharwad	Genetics & Plant Breeding	9.57/4.00	
M.Sc (Agri.)	1984	College of Agriculture UAS, Bangalore	Genetics & Plant Breeding	3.82/4.00	
B.Sc (Agri.)	1982	College of Agriculture UAS, Bangalore	Agriculture	3.73/10.00	
5. EXPERIENCE (Starting from entry into service):					
Sl. No	Post Held	Institution / Scheme	Period		
			From	To	
1.	Research Assistant RRS, Bijapur	UAS, Dharwad	21-09-1987	30-01-1992	
2.	Assistant Professor 1. ARS, Mugad	UAS, Dharwad	31-01-1992	12-04-2000	
3.	Associate Professor 1. Agril. College, Raichur	UAS, Dharwad	13-04-2000	29-06-2003	
	2. ARS, Devihosur	"	30-06-2003	31-03-2009	
	3. HRS, Devihosur	UHS, Bagalkot	01-04-2009	04-01-2012	
4	Professor ZARS, Shimoga ZAHRS, Shimoga	UAS, Bangalore UAHS, Shimoga	05-01-2012 01-07-2014	31-07-2014 To date	
6. AWARDS RECEIVED (with details):					
Sl. No.	Name	Institute	Remarks		
7. VISITS ABROAD :					
Sl. No.	Name of the Country/ Place/ University.	Period		Purpose of Visit	
		From	To		
1	International Rice Research Institute (IRRI), Manila, Philippines	31-03-2000	04-04-2000	For oral presentation of Research article	
8. PARTICIPATION IN CONFERENCE/ WORKSHOP/ SEMINAR/SYMPIOSIUMS etc. :					
Sl. No.	Title	Institution	Period	Remarks	
1	International Rice Research Congress-2000	IRRI, Philippines	31-03-2000 to 04-04-2000		
2	Seminar on "Scope for Agro and Food Processing Industries	Department of Industries and Commerce, GOK, Haveri.	22 <sup>nd</sup> Dec. 2003.		

	in Haveri District”.			
3	National seminar on “Advances in Genetics and Plant breeding-Impact of DNA revolution”	UAS, Dharwad	Oct. 30-31,2003.	
4	National conference on Agri-Biotechnology.	UAS, Dharwad	Dec. 15-16, 2004.	
5	National workshop on “Intellectual Property Rights-In Relevance to Indian Agriculture”.	UAS, Dharwad	March,10-11, 2005.	
6	National Seminar on Cultivation, Marketing and Export of Vegetable Crops	UAS, Dharwad.	2006,	
7	Workshop on “Commercialization of Seed Production Programme”	. KSSC/UAS, Bengalur	5 <sup>th</sup> Nov. 2008	
8	National Workshop on Spices and Aromatic Plants	UAS, Bengalur.	2008,	
9	National seminar on “Opportunities and Challenges in Marker-Assisted Breeding”	Raasi Seeds, Attur, Tamilnadu.	14 <sup>th</sup> Feb. 2009	
<b>9. SPECIAL TRAININGS UNDERGONE: (Refresher/ Summer/ Winter School/ Short Courses etc.)</b>				
Sl. No.	Title	Institution	Period	Remarks
1.	Genetic engineering	Indian Institute of Science.(I I Sc) Bangalore.	5 months	May, 1984
2.	Hybrid Rice Seed Production Technology	Directorate of Rice Research(D R R), Hyderabad.	1 week	Oct, 1995
3.	Analysis of Genotype and Environment interaction in Rice	Directorate of Rice Research(D R R), Hyderabad.	3 weeks	Dec, 1996
4.	QTL mapping for crop improvement	T N A U., Coimbatore	2 weeks	Mar, 2001
5.	Physiology of Plants under Abiotic Stress: Drought & Submergence.	N.D. University of Agri. & Technology, Faizabad, U P.	3 weeks	Feb. – March, 2003
6.	Physical and Chemical Parameters in Spices and Spice Products.	Quality Evaluation Laboratory, Spices Board, Cochin,Kerala.	1 week	October, 2005
7.	Molecular Marker Techniques in Crop improvement and Gene Gun use	Kirkhouse Trust, Dept. of Biotechnology, UAS, Bangalore	3 weeks	17 <sup>th</sup> Jan. – 6 <sup>th</sup> Feb.,2007
<b>10. PUBLICATIONS - SCIENTIFIC PAPERS PUBLISHED:</b>				
Sl. No.	Title	Year & Issue	Name of the Journal	

Published in Journals .....17		
Presented in International Seminars/ Symposia/ Conferences, etc, ..... 08		
Presented in National Seminars/ Symposia /Conferences, etc, .....08		
Research notes.....05		
Popular articles ( Kan. & Eng.) .....11		

**11. RESEARCH PROJECTS HANDLED/OPERATING:**

Sl. No.	Title of Project	Funding Agency	Budget Outlay (Rs. In Lakhs)	Duration (Years)	Remarks
1.	Strengthening research on Byadgi Chilli improvement and development of new Chilli varieties/ hybrids at ARS, Devihosur, Haveri	GOK	50	3	Successfully completed (2008-2010)
2.	Studies on the role of Murda complex of chilli in Karnataka and its management.	Dept. of Horticulture, GOK	2.86	3	Successfully Completed (2003-05)
3.	Evaluation of neem cake for the management of chilli leaf curl.	KSDA, GOK	2.56	3	Successfully completed (2004-06)
4.	Popularization of ecofriendly IPM modules comprising indigenous practices for the production of quality chilli in Sujala watershed areas.	Sujala, GOK	3.10	2	Successfully completed (2005-06)
5.	Evaluation of Ash and Asafoetida for the management of Powdery	WYTEP, GOK	2.59	3	Successfully completed (2004-06)

	mildew in chilli.				
6.	Management of Fusarium wilt in chilli	KSDA, GOK	2.99	1	Successfully completed (2009-10)
7.	Management of foliar fungal diseases of chilli and tomato	Syngenta India Ltd.	2.42	2	Successfully completed (2009-11)
8.	Establishment of disease forecasting laboratory	NHM	4.00	1	Successfully completed (2011-12)
9.	Development of infrastructure facilities and chilli crop improvement	GOK	50.00	2	Successfully completed (2009-11)
10.	Quality seed production of two important vegetable cum field spice crops of Haveri district.	NHM	4.50	1	Successfully completed (2010-11)
11.	Conventional and innovative breeding approaches for development of productive and stress resistant Maize inbreds/ hybrids for southern transitional zone of Karnataka	RKVY	40.00	2	Ongoing 2012-2014
12.	Development of Productive and Stress Resistant Maize Inbreds/ Hybrids for Southern Transitional Zone of Karnataka	RKVY	60.00	2	Ongoing 2014-16
13.	Establishment of seed processing and seed testing laboratories at	RKVY	400.00	1	Ongoing 2014

	UAHS, Shimoga.					
12. P G GUIDANCE						
Sl. No.	Name of the Student	Degree		Title of the Thesis	Year	Remarks
		M.Sc.	PhD			
1.	Krishna Murthy, H.T.	M.Sc.		Genetic diversity among indigenous aromatic rice ( <i>Oryza sativa</i> L.) cultivars.	2003	
2.	Ganesh Reddy, M.	M.Sc.		Heterosis and Combining ability studies in chilli ( <i>Capsicum annum</i> L.)	2006	
3.	Srilakshmi, P.	M.Sc.		Genetic diversity for productivity and quality characters in chilli ( <i>Capsicum annum</i> L.)	2006	
4.	Sandeep	M.Sc.		Genetic variability, correlation, morphological and molecular diversity in Byadgi Kaddi and Byadgi Dabbi chilli ( <i>capsicum annum</i> L.) accessions	2008	
5.	Deepak Chadchan	M.Sc.		Heterosis and combining ability in Chilli ( <i>Capsicum annum</i> L.)	2008	
6.	Somashekhar Guddadamath	M.Sc.		Brreeding investigations of Biparental mating in Bhendi ( <i>Abelmoschus esculentus</i> (L.) Moench.)	2009	
6.	Sunil, M.G.	M.Sc.		Genetic variability for seed and oil yield in chewing tobacco( <i>Nicotiana tabaccum</i> L.) germplasm collections	2014	

**Signature of the Official**