

School of Agricultural Sciences and Forestry

Dr R. Chithiraichelvan

1. Ravindra Kumar, S. Ganesh, R. Chithiraichelvan, K.K. Upreti and V.V. Sulladmath. 2014. Effect of spacing and pruning on growth, yield and quality of cv. Deanna fig (*Ficus carica* L.). *Journal of Horticultural Sciences* 9(1): 31-37.
2. Makki Ramachandra Dinesh, Kundapura Venkataramana Ravishankar, P. Nischita, B. S. Sandya, B. Padmakar, S. Ganeshan, R. Chithiraichelvan, T. V. R. S. Sharma. 2015. Exploration, Characterization and Phylogenetic Studies in wild *Mangifera indica* Relatives, *American Journal of Plant Sciences*, 6 (13):2151-60.
3. Kumar Ravindra, Chithiraichelvan R, Ganesh S, Upreti K.K and Sulladmath V. 2015. Effect of different spacing and pruning levels on growth, yield and fruit quality in fig (*Ficus carica* L.) cv. Poona. *Journal of Applied Horticulture*,17(1):52-7.
4. Chithiraichelvan R and Vinay G M. 2015. Induction of off-season flowering in custard apple (*Annona squamosa* L.) cv. Balanagar. *J. Hort. Sci.*,10 (1) : 13-7.
5. Kamala Jayanthi P D, Abraham Verghese, Chithiraichelvan R and Ravindra Kumar. 2015. Plant traits in fig as indicators of resistance to shoot borer *Dyscerus? fletcheri* M. (Coleoptera : Curculionidae). *J. Hort. Sci.*, 10(1) : 83-9.

Books published/edited

1. **Vasugi**, C., Dinesh, M. R., Ravishankar, K.V. and Chithiraichelvan, R. 2014. *Ex-situ* conservation and evaluation: A method for selection of indigenous varieties of mango. In: *Perspectives on biodiversity of India*. Vol.I, Biju Kumar *et al.*(Eds), CISSA, pp.258- 65.
2. Dinesh M.R and R. Chithiraichelvan, 2014. Papaya. In: *Tropical and subtropical fruit crops: Crop improvement and varietal health*. Part II. S.N. Ghosh (Ed.), Jaya Publishing House, New Delhi. Pp. 485-526.

Seminars/Symposia/Conference Papers

1. Ravindra Kumar, S. Ganesh, R. Chithiraichelvan and K.K. Upreti. 2015. Spacing and pruning responses on leaf area, specific leaf weight, ABA and proline in fig (*Ficus carica* L.) cultivars. National Seminar on Recent trends in eco-friendly farming practices for food security, March 12-

13, Gandhigram Deemed University, Dindigul, Tamil Nadu.

2. Ravindra Kumar, S. Ganesh, R. Chithiraichelvan and K.K. Upreti. 2015. Influence of spacing and pruning on fruit quality attributes in fig (*Ficus carica* L.) cultivars. National Seminar on Recent trends in eco-friendly farming practices for food security, March 12-13, Gandhigram Deemed University, Dindigul, Tamil Nadu.
3. Tripathi PC, G.Karunakaran, T.Sakthivel, V.Sankar, R.Senthilkumar, BR Jayanthimala, Prithi Sonavane, H.Ravishankar and R. Chi thiraichelvan. 2015. Avocado research at CHES, Chettalli. Souvenir and Abstracts, Brainstorming Session and Exhibition on Avocado, May 27, 2015, CHES (IIHR), Chettalli, Kodagu Dist, Kar.pp 7-17.
4. Senthilkumar R, Tripathi PC, V. Sankar, G.Karunakaran, T.Sakthivel, M. Kishore Kumar, BR Jayanthimala, Prithi Sonavane, H.Ravishankar and R. Chithiraichelvan. 2015. Characterization of mangosteen (*Garcinia mangostana* L.) accessions in Kodagu region of Karnataka. Souvenir and Abstracts, Workshop on *Garcinia* Species, Aug 20, 2015, CHES (IIHR), Chettalli, Kar.p 62.
5. Senthilkumar R, Tripathi PC, V. Sankar, G.Karunakaran, T.Sakthivel, M. Kishore Kumar, BR Jayanthimala, Prithi Sonavane, H.Ravishankar and R. Chithiraichelvan. 2015. Fifteen years of research on *Garcinia* species at CHES, Chettalli, Souvenir and Abstracts, Workshop on *Garcinia* Species, Aug 20, 2015, CHES (IIHR), Chettalli, Kar.pp 7-9.
6. Tripathi PC, Senthilkumar R, V. Sankar, G.Karunakaran, T.Sakthivel, M. Kishore Kumar, BR Jayanthimala, Prithi Sonavane, H.Ravishankar and R. Chithiraichelvan. 2015. Evaluation of Malabar Tamarind (*Garcinia gummigutta*)accessions at Kodagu region of Karnataka. Souvenir and Abstracts, Workshop on *Garcinia* Species, Aug 20, 2015, CHES (IIHR), Chettalli, Kar. p 20.
7. Senthilkumar R, Tripathi PC, V. Sankar, G.Karunakaran, T.Sakthivel, M. Kishore Kumar, BR Jayanthimala, Prithi Sonavane, H.Ravishankar and R. Chithiraichelvan. 2015. Characterisation of Gamboge (*Garcinia morella*) accessions at Kodagu region of Karnataka. Souvenir and Abstracts, Workshop on *Garcinia* Species, Aug 20, 2015, CHES (IIHR), Chettalli, Kar.p 67.
8. Sankar V, Senthilkumar R, Tripathi PC, G.Karunakaran, T.Sakthivel, M. Kishore Kumar, BR Jayanthimala, Prithi Sonavane, H.Ravi shankar and R. Chithiraichelvan. 2015. Evaluation of Yellow Mangosteen (*Garcinia xanthochymus*)accessions at Kodagu region of Karnataka. Souvenir and Abstracts, Workshop on *Garcinia* Species, Aug 20, 2015, CHES (IIHR), Chettalli, Kar.p 69.
9. Senthilkumar R, M. Kishorekumar, V.Shankar, T.Sakthivel, G.Karunakaran, PC Tripathi, R. Chithiraichelvan and H.Ravishankar, 2015. Current status and conservation of Rambutan (*Nephelium lappaceum* L.) germplasm at CHES, Chettalli. Souvenir and Abstracts, Seminar cum Field Day on Rambutan, October 10, 2015, CHES (IIHR), Chettalli, Kodagu Dist, Kar.pp 8-11.

Faculty	Title of the paper	Journal / Publication	Issue / Edition with date
CHANDRASHEKAR G V	Efficacy of certain chemicals & neem products against <i>Helicoverpa armigera</i> (Hubner) on chick pea, <i>cicer arirtinum</i> at trans Yamuna region of Allahabad.	Trends in Bioscience Journal	Ref. No. 1174/UPD/2015 28/07/2015
	Study of butterflies diversity in & around RTU, Rural Bengaluru Dist.	Trends in Bioscience Journal	Accepted
ASHWINI N HEBBAR	Vana Drakshi Ondhu Pakshi Nota	Krishi Munnade	2014 July
	Cluster Sampling in Agriculture	Readers Shelf	2014 August
	Food production and Hunger economics in India	Readers Shelf	2015 February
	Krishiallijyavika Roganashakagalu	Siri Samruddhi	2015 September
	Analysis of tobacco growth and demand of steamed tobacco from international countries	Research Journal of Agricultural Sciences	Vol 5(1): January-February (2014)
	Trend in export and competitiveness of manufactured tobacco products from India	Research Journal of Agricultural Sciences	Vol 5(1): January-February (2014)
	Demand of Indian Coconuts in International Market- An Agribusiness Approach	Research Journal of Agricultural Sciences	Vol 5(1): January-February (2014)
	Demand Analysis of Indian tomato by products in International Market	Research Journal of Agricultural Sciences	Vol 5(1): January-February (2014)
	Growth and direction of trade for Indian Areca nut export.	Research Journal of Agricultural Sciences	Vol 5(4) July-August 2014
	Growth and export of dry chilies from India- An agribusiness Approach.	Research Journal of Agricultural Sciences	Vol 5(4) July- August 2014
	Analysis of Indian major fruits export from India.	Research Journal of Agricultural Sciences	Vol 5(5) September-

			October 2014
	Growth and Demand of Indian maize in international market.	Research Journal of Agricultural Sciences	Vol 5(5) September-October 2014
	Growth and direction of trade of Indian onions. An agribusiness approach	Research Journal of Agricultural Sciences	Vol 5(5) September-October 2014
	Analysis of growth and export of Indian rice	Research Journal of Agricultural Sciences	Vol 5(4) July-August 2014
	Analysis on Growth, Instability and Shift in area of cultivation of major oilseed crops of Karnataka.	Research Journal of Agricultural Sciences	Accepted for Publication
	Milk yield estimation in HF cross breed cow	International Journal Of Agricultural And Statistical Sciences	Accepted for Publication
	Estimation of total and 305 days milk yield of HF crossbred cows.	Research Journal of Agricultural Sciences	Accepted for Publication
KAVITHA, B.M	An efficient technique for <i>in vitro</i> propagation of <i>Dendrocalamus brandisii kurz</i> using nodal shoot segments.	Global Journal of Microbiology and Biotechnology	Vol 2, No 1, Page No: 1-10, 25-8-2014.
	Incidence & occurrence of plant parasitic nematodes associated with cucumber in & around Bengaluru	LAP:Lambert Academic publishing	Under Review
VINDHYSHREE M	Biological and molecular evidences on host range of leaf curl begomovirus disease of sunflower (<i>Helianthus annuus</i> L.).	Journal of Applied. & Natural Sciences.	7 (1): 381 – 387.
	GPS based survey on spatial and temporal variation of leaf curl begomovirus disease on sunflower in North Eastern Karnataka; An emerging viral disease in Oilseed crop	Journal of Applied. & Natural Sciences.	ISSN 2231-5209.

	Effect of cropping system against whitefly, Bemisia tabaci (Homoptera: Aleyrodidae) on tomato.	Trends in Biosciences	Manuscript No (MSS No-3482)
	Varietal preference of whitefly, Bemisia tabaci (Homoptera: Aleyrodidae) on tomato.	Trends in Biosciences	Manuscript No (MSS No-3405)
	Disease of Citrus and their Management. Insect Pests Management of Fruit Crops	Biotech Books , New Delhi	ISBN 978-81-7622-358-4.
PREETHI	(Book) Youth in agriculture-perception, aspiration and participation	Agro-Biovet press, New Delhi	-2015
	(chapter in book) Income generating activities for youth in farming under rural development programmes in family farming and rural economic development	New India publishing agency, New Delhi	2015
	(Research paper) Participation of farm youth in agriculture	MJAS	Vol. 49, No. 2, 2015
	(Research paper) Impact of Agro-met advisory services (AAS) on beneficiaries and Non-Beneficiaries socio-economic characteristics	Indian Journal of Social Research	Vol. 56, 2015
	(Research Paper) Impact of community based tank management project on socio-economic status and crop productivity of beneficiary farmers in Tumkur District of Karnataka state	Trends in Biosciences	Vol. 8, Issue 9, 2015
	(Research Paper) Personal and Socio-psychological factors influencing the knowledge level of Agro-met advisory farmers	Annals of plant and soil research	Vol 17, Issue 4, May 2015

DR. G JYOTHI	(Research paper) Detection of Phytoplasma Associated with Parthenium Phyllody Disease	Research Journal of Agricultural Sciences	6(3): 693-696, May-June (2015)
	(Research paper) Identification of Biotype and Detection of Endosymbionts of <i>Bemisia tabaci</i> in Karnataka	Trends in Biosciences	8(9), 2307-2312, 2015
	(Research Paper) Identification of races of ToLCV and biotypes of <i>Bemisia tabaci</i> in Karnataka	MJAS	Vol. 49, No. 2, 2015
	<i>Pseudomonas fluorescens</i> - A Potential Bio-Agent for Management of Plant Diseases	Science India	July 2015

GEETHA SHETTY S	Effect of foliar spray of urea and potash on quality of tissue culture banana cv. Grand Naine under hill zone of Karnataka , India	Environment and Ecology	Volume 7
	Effect of foliar spray of urea and potash on yield of tissue culture banana cv. Grand Naine under hill zone of Karnataka , India	Environment and Ecology	Volume 33 (3)
	Effect of bunch spray of urea and potash on yield and benefit cost ration on tissue culture banana cv. Grand Naine under hill zone of Karnataka , India	Trends in Bio science	Volume 33 (1b)
	Investigations on viability of jamun seeds and their effect on germination and root stock vigour	Asian Journal of Horticulture	Volume 8
	Effect of bioformulations and chemicals on germination, growth and vigour of root stock in mango cv. Alphonso	Asian Journal of Horticulture	Volume 8
VIJAYALAKSHMI HADIMANI	B Jackfruit Processing	published as a chapter in a book Production and Management of	page no. 85-98,2014

		Fruit Crops in Arid/Drylands by M. B. Sontakke	
PAVITHRA, R.S	Survey for the occurrence of plant parasitic nematodes associated with cucumber in and around Bengaluru (karnataka)	RJAS	6(6):1410-1412, November-December ISSN:0976-1675 (2015)
	Eco-friendly management of root-knot nematode(<i>Meloidogyne incognita</i>) infecting okra (<i>Abelmoschus esculentus moench</i>)	JPAM	JPAM/4013/15
	Efficacy of bioagents, neemcake, mulching, solarization, trap crop and nematicide on growth parameters and reproductive factor of <i>Meloidogyne incognita</i> infecting okra	JPAN	JPAM/4014/15
	Evaluation of various bio-agents for their efficacy against <i>Meloidogyne incognita</i> on growth and development of tuberose (<i>Polianthes tuberosa L.</i>)	GJBB	GJBB-10089
	Incidence and occurrence of plant parasitic nematodes associated with cucumber in and around Bengaluru	LAP Lambert academic publication	Under review
S.MAHESWARI	Use of Botanicals Against Whitefly, <i>Bemisia tabaci</i> on Tomato Under Field Condition	Trends in Biosciences	8(18), September 2015
	Kinetics, equilibrium and thermodynamics of adsorption of As (III) ions by dry, heat and NaOH – treated <i>Aspergillus fumigatus</i>	International Journal of Science and Advanced Technology	IJSAT 15-05-03-029
	Effect of cropping system against whitefly, <i>Bemisia tabaci</i> (Homoptera: Aleyrodidae) on tomato	Trends in Biosciences	Manuscript No (MSS NO – 3482)
	Varietal preference of	Trends in Biosciences	Manuscript No

	whitefly, <i>Bemisiatabaci</i> (Homoptera: Aleyrodidae) on tomato		(MSS NO – 3405)
	Biology and Biotype identification of Whitefly, <i>Bemisiatabaci</i>	Lambert Academic Publishing	ISBN No: 978-659-80600-1
	Bioremediation of arsenic in soil by resistant Fungal isolates	Lambert Academic Publishing	Accepted
DR. N. M. GURUPRASAD	Characterization of <i>Wolbachia</i> cell division protein (ftsZ) gene for potential management of Uzifly <i>Exorista sorbillans</i> (Diptera: Tachinidae)	Journal of Entomology and Zoology Studies	2015, 3 (2): 57-61
	In silico modeling of <i>Wolbachia</i> and its potentials in combating mosquito borne diseases Chikungunya and Dengue	International Journal of Mosquito Research	2014, 1 (3): 61-68.
	Cytoplasmic introgression and diversity in <i>Wolbachia</i> infected uzifly <i>Exorista sorbillans</i> (Diptera:Tachinidae).	Journal of Entomology and Zoology Studies	2014, 2 (4): 42-50
	<i>Wolbachia</i> -a foe for Mosquitoes	Asian Pacific Journal of Tropical Diseases	2014, 4(1):78-81,
DR. APOORVA MJ	Prediction of combining ability and gene action involved in yield and its attributes in rice (<i>Oryza sativa</i> .L) under sodic soil	International Journal of Science and Research (IJSR)	4(8) 22/08/2015
	Microsatellite based assessment of genetic diversity and differentiation of elite rice genotypes of NDUAT, Faizabad	Indian Journal of Agricultural research	Acknowledgement of Article No.A-4487
	Assessment of heterosis for yield and its components in rice (<i>Oryza sativa</i> L.) under sodic soil	Indian journal of genetics & plant breeding	Manuscript number is ED – 2015 / 268.
	Morphological characterization of elite	Green Farming	P-4002

	genotypes of rice (<i>Oryza sativa</i> L.) under sodic soil		
SYED KHADEERU REHAMAN	Biodiesel production from sunflower oils & optimization of temp, pH, oil to alcohol ratio, catalyst concentration & reaction time on enzymatic reaction	Journal of Environment & Ecology	33(4): 1534-1538 2015
	Effect of mulching with organic material on moisture conservation & leaf yield in mulberry	Proceedings National conference on sericulture for lively hood security	Proceedings (44-45) 2015
K. VENKATESHA RAJU.	<i>Biomonitoring of metals in fresh water macrophytes & benthic organisms</i>	IJRSET	2014
	Comparison of wet digestion methods for determination of heavy metals in fish tissues	JSSR Science domain international	2015
	Assesment of trace metals in water & water hyacinth obtained from Lagos harbor, Nigeria	The Chemical society of Ethiopia	Accepted
PREETHA S	Effect of Tobacco Stem Based Composts as Soil Amendments on Nitrogen Mineralization and Other Properties of Soil	Trends in Biosciences journal	June 2015 ISSN 0974-8