


**Professional profile of Dr. A. Ramesh Kumar, M.Sc (Hort.), Ph.D  
(Hort.), FBSS.**

**Associate Professor (Horticulture), Central University of Tamil Nadu,  
Thiruvavur-610005, Tamil Nadu.**

<b>Mobile No.</b>	<b>91 9443254075, 91 7339358701</b>	
<b>Email:</b>	<a href="mailto:rameshort@cutn.ac.in">rameshort@cutn.ac.in</a> , <a href="mailto:rameshort@gmail.com">rameshort@gmail.com</a>	
<b>Date of birth</b>	<b>07.06.1975</b>	

**Educational Qualifications**

<b>Name of the Degree exam</b>	<b>University/ Institution/ Board</b>	<b>Year of Passing</b>	<b>Percentage</b>	<b>CGPA</b>	<b>Subjects</b>	<b>Specialization (if any)</b>
B. Sc., (Horticulture)	Tamil Nadu Agricultural University, Coimbatore	1996	88.8	8.88/10.0	Horticulture	-
M. Sc., (Horticulture)	Tamil Nadu Agricultural University, Coimbatore	1999	93.9	9.39/10.0	Horticulture	-
Ph.D., (Horticulture)	Tamil Nadu Agricultural University, Coimbatore	2005	97.0	9.70/10.0	Horticulture	Fruit Science & Precision Horticulture
NET	<b>ASRB (ICAR)- DECEMBER,1999</b>			<b>Qualified</b>		

**Experience**

<b>Post Held</b>	<b>University/ Institution</b>	<b>Period</b>		<b>No. of years/ months</b>	<b>Nature of work</b>
		<b>From</b>	<b>To</b>		
Technical Assistant (Research)	TNAU, Coimbatore	January, 2000	May, 2000	5 months	Research
Senior Research Fellow	ICAR- National Research Centre	15.05.2000	26.12.2001	1 year & 7 months	Research

	for Banana, Tiruchirapalli				
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Research Associate	TNAU, Coimbatore	18.02.2005	25.10.2007	4 years & 4 months	Research
Research Associate	TNAU, Coimbatore	25.10.2007	14.06.2008		Research
Research Associate	TNAU, Coimbatore	23.06.2008	26.05.2009		Research
Horticulture Officer	Department of Horticulture & plantation Crops, Govt. of Tamil Nadu	27.05.2009	29.12.2009	7 months	Extension
Assistant Professor (Horticulture)	TNAU, Coimbatore	30.12.2009	01.06.2020	10 years & 5 months	Teaching, Research & Extension
Associate Professor (Horticulture)	Central University of Tamil Nadu, Thiruvarur-610005, Tamil Nadu	02.06.2020	Present		Teaching & Research

#### Academic Distinctions

S.No.	Name of the award/Fellowship/Rank	Awarding agency	Period		International/national
			From	To	
i	Student Senior Research Fellow - <b>Foreign funded fellowship</b>	<b>Kali &amp; Salz, Germany</b>	<b>2002</b>	<b>2004</b>	<b>International</b>
ii	Travel grant Award	Barwale Foundation, Hyderabad	2006	-	<b>National</b>
iii	Travel grant Award	Barwale Foundation, Hyderabad	2008	-	<b>National</b>
Iv	Certificate of excellence	Academy of Plant Sciences of	2008	-	<b>National</b>

		India, Muzaffarnagar, UP			
V	Gold medal for excellent oral presentation	In National Conference on “Perspectives And Present Scenario In Plant Science Research” held Science, Mumbai	2008	-	<b>National</b>
Vi	Recognized as rapporteur	National Conference on “Perspectives And Present Scenario In Plant Science Research” held at Institute of Science, Mumbai	2008	-	<b>National</b>
Vii	Best oral presentation - IARI, New Delhi	National Conference on “Floriculture For Livelihood and Profitability”, held	2009	-	<b>National</b>
Viii	Best Book award for the book entitled “Panai (Palmyrah)”	Madras Agriculture Students Association	2010	-	<b>National</b>
Ix	Best oral paper presentation	National\ conference on scientific agriculture Tamil, Chennai	2015	-	<b>National</b>
x	Popular extension worker award	FOCUS- 2019 National	2019	-	<b>National</b>

		conference at Trichy, Tamil Nadu			
xi	Best oral presentation award	AIASA-SARL conference, 2019 at Annamalai University, Chidambaram, Tamil Nadu	2019	-	National
x	Best oral presentation award	Climate Smart Agriculture conference, 2019 at ADAC & RI, TNAU, Tiruchirapalli	2019	-	National
xi	Fellow award	Fellow of Bose Science Society	2019		National
xii	M.S.Swaminathan Best Agriculture Scientist award	Tamil Nadu Scientific Research Organization	2019		National
xiii	ACHIEVER AWARD 2020	Society for Advancement of Human and Nature (SADHNA), Dr. Y.S. Parmar University of Horticulture and Forestry, Nauni, Solan, Himachl Pradesh.	2020		National
xiv	Scientist of the year -2021	AETDS, Uttarakhand	2021		National
xv	Best article award	AGRIGate magazine	2021		National
xvi	AD Scientific Index 2021-World Scientist award	Google scholar	2021		International

xvii	World Scientist and University Ranking award-2022 by AD scientific Index	Google scholar	2022		<b>International</b>
xviii	Best oral presentation award to the paper on “Managing the post-harvest loss of aggregatum onion through pre-harvest spray of bio-stimulants” in National virtual conference on Post-harvest Management: Concepts, challenges and prospects”, held on 18.05.22 to 19.05.22.	National Institute of Food technology, Entrepreneurship and Management, Thanjavur, TN	2022		<b>National</b>

## Publications

### 1. Research Papers in Peer-Reviewed /UGC listed Journals

S.No	Details of publication	ISBN/ISSN No.	Authorship
1	<b>A. Ramesh Kumar</b> and N. Kumar. 2007. Sulphate of potash foliar spray effects on yield, quality and post harvest life of banana. Better crops, 91 (2): 22-24.	-	First author
2	<b>A. Ramesh Kumar</b> , S. Sathiyamoorthy and A. Subbiah. 2002. Effect of plant growth regulators on yield parameters, yield and quality of black pepper ( <i>Piper nigrum</i> ) var. Panniyur 1. Journal of Spices and Aromatic Crops, 11 (2): 125-128.	0971-3328	First author
3	Uma, S., Selvarajan, R., Sathiyamoorthy, S, <b>Ramesh Kumar, A</b> and P.Durai (India). 2003. Evaluation of banana germplasm for the leaf industry and for suitability for different growing environment in India. IPGRI News Letter, 134: 26-32.	1020-3362	Co-author
4	<b>A. Ramesh Kumar</b> , and N. Kumar. 2008. Studies on the efficacy Sulphate of Potash (SOP) on the physiological, yield and quality parameters of banana cv. Robusta (Cavendish- AAA). EurAsian Journal of Biosciences. 2(12): 102-109	1307-9867	First author
5	<b>A. Ramesh Kumar</b> , N. Kumar and P.Jeyakumar. 2008. Effect of post shooting spray of Sulphate of	1816-1561	First author

	potash on yield and quality of banana cv. Robusta (AAA- Cavendish). Research Journal of Agriculture and Biological sciences. 4(6):655-659		
6	V.Ponnuswami, R.Jagadeesan, <b>A.Ramesh Kumar</b> , M.Prabhu and S.Makesh. 2008. Genetic relationship and diversity in palmyrah based on RAPD marker. Amer. Eurasian Journal of Sustainable Agriculture. 2(2):165-171	1995-0748	Co-author
7	<b>A. Ramesh Kumar</b> and S. Sathiyamoorthy. 2002.Effect of plant growth regulators on berry set and yield of black pepper ( <i>Piper nigrum</i> ) var. Panniyur 1. South Indian Hort., 50: 690-694.	0038-3473	First author
8	<b>A. Ramesh Kumar</b> , N. Kumar and P.Jeyakumar. 2008. Sources and levels of potassium on chloride toxicity and yield of banana cv. Robusta. Bull. Agric. Sci., 6 (1): 53-56.	0973-4023	First author
9	<b>A. Ramesh Kumar</b> , N. Kumar, P.Jeyakumar and R.M. Vijayakumar. 2008. Assessment of physiological efficiency of CO <sub>3</sub> sapota. South Ind. Hort., 55 :283-287.	003803473	First author
10	<b>A. Ramesh Kumar</b> , N. Kumar and P.Jeyakumar.. 2008.Potassium and physiology in crop plants. Agrobios, 6(10): 33-34.	0972-7027	First author
11	<b>A. Ramesh Kumar</b> and D. Sivakumar.. 2008. Role of hormones on seed germination- A review. AgricultureReviews. 29 (4): 281-289.	0253-1496	First author
12	<b>A. Ramesh Kumar</b> , N.Kumar and M.Kavino. 2006. Role of potassium in fruit crops - A review. AgricultureReviews. 27 (4): 284-291.	0253-1496	First author
13	<b>A. Ramesh Kumar</b> , M. Prabhu, V.Ponnuswami, V.Lakshmanan and A.Nithyadevi. 2014. Scientific seed production techniques in moringa - A review. Agriculture Reviews. 35 (1): 69-73.	0253-1496	First author
14	V.Ponnuswami, <b>A.Ramesh Kumar</b> , M.Prabhu, R.Jagadeesan, M.Kavino and B. Senthamizh Selvi.	0973-4767	Co-author

	2008. Correlation studies in palmyrah genotypes. The Asian J. Hort., 3(2): 234-237.		
15	<b>A. Ramesh Kumar</b> , and N. Kumar. 2008. Studies on sources of potassium on yield and postharvest soil characters of banana. The Asian J. Hort., 3(2): 277-280.	0973-4767	First author
16	M. Prabhu and <b>A. Ramesh Kumar</b> . 2008. Waste water utilization in vegetable cultivation- pros and cons. TheAsian J. Hort., 3(2): 442-445.	0973-4767	Co-author
17	A.Subbiah, M.Murugan, <b>A.Ramesh Kumar</b> , R.Jagadeesan and M.Prabhu. 2008. Nutrient management in small cardamom. The Asian J. Hort., 3(2): 449-455.	0973-4767	Co-author
18	M. Prabhu, <b>A. Ramesh Kumar</b> and V. Ponnuswami. 2008. Breeding for shoot and fruit borer resistance in brinjal. The Asian J. Hort., 3(2): 456-459.	0973-4767	Co-author
19	V.Ponnuswami and <b>A. Ramesh Kumar</b> . 2008. Crop improvement and management strategies in paprika. TheAsian J. Hort., 3(2): 460-466.	0973-4767	Co-author
20	V.Ponnuswami, <b>A.Ramesh Kumar</b> , B. Senthamizh Selvi, R.Jagadeesan, and M.Prabhu, 2008. Biotechnological tools for crop improvement in spices. The Asian J. Hort., 3(2): 234-237.	0973-4767	Co-author
21	<b>A. Ramesh Kumar</b> , and N. Kumar. 2008. Potassium nutrition banana. Asian J. Hort., 3(2), 479-482.	0973-4767	First author
22	M. Prabhu, R.Jagadeesan, V.Balasubramanian and <b>A. Ramesh Kumar</b> . 2009. Cropping systems in tropical vegetables. Asian J. Hort., 4(1), 245-250.	0973-4767	Co-author
23	M. Prabhu, <b>A. Ramesh Kumar</b> , V.Balasubramanian and R.Jagadeesan. 2009. Rainfed vegetable cultivation. Int. J.Agric. Sci., 5(2): 639-642.	0973-130X	Co-author
24	V.Ponnuswami, D.Janarthani, R.Priya, <b>A.Ramesh Kumar</b> , M.Prabhu and B. Senthamizh Selvi, 2009.	1752-3818	Co-author

	Molecular characterization for genetic diversity of palmyrah accessions using inter simple sequence repeat (ISSR) markers. The Asian Aus. J. Pl. Sci. Biotech., 3(1): 11-15.		
25	<b>A. Ramesh Kumar</b> , N. Kumar and S.Chellamuthu. 2006. Effect of Post shooting spray of sulphate of potash (SOP) on yield and quality of banana cv. Robusta. South Indian Hort., 54, 190-198.	003803473	First author
26	V.Ponnuswami, M.Kavino, B.Senthamizh Selvi, <b>A. Ramesh Kumar</b> , R.Jagadeesan and M.Prabhu. 2009. Yield, nutrient composition and shelf life of palmyrah neera- A comparative study of the performance of male and female trees. J.Pl. Crops., 37 (1): 91-93.	0304-5242	Co-author
27	<b>A. Ramesh Kumar</b> , and N. Kumar. 2010. Effect of Post shooting spray of certain nutrients on yield and quality of banana C.V. Nendran (AAB-Plantain). Asian J. Hort. 4(2), 328-331.	0973-4767	First author
28	M. Prabhu, <b>A. Ramesh Kumar</b> , V.Balasanbramaniyan and V.Ponnuswami. 2010. Rainfed vegetable cultivation. Asian J. Hort. 4(2): 525-528.	0973-4767	Co-author
29	M.Prabhu, <b>A. Ramesh Kumar</b> , V.Balasanbramaniyan, R.Jagadeesan & V. Ponnuswami. 2010. Protected cultivation of vegetables. Asian J. Hort., 4(2): 529-533	0973-4767	Co-author
30	M.Prabhu, <b>A. Ramesh Kumar</b> , V.Balasanbramaniyan, R.Jagadeesan & V. Ponnuswami.2010. Vermicompost & vegetables cultivation. Asian J.Hort., 4(2): 541-544.	0973-4767	Co-author
31	M.Prabhu, <b>A. Ramesh Kumar</b> , V.Balasanbramaniyan, R.Jagadeesan & V. Ponnuswami. Nutrition of Brinjal.Asian J. Hort., 4(2): 545-549.	0973-4767	Co-author
32	<b>A. Ramesh Kumar</b> , N.Kumar, K. Poornima and K. Soorianathasundaram. 2012. Screening of <i>in vitro</i> derived mutants of banana against nematodes. African Journal of Biotechnology, 11(88), 15451-15456,	1684-5315	First author



33	<b>A. Ramesh Kumar</b> , M. Kannan & E.Vadivel. Cultivation of cut-roses under open field condition s - A success storry.-2009. Plant Hort. Tech., 9(4): 42-44	-	First author
34	M. Prabhu, <b>A. Ramesh Kumar</b> & K Rajamani 2009. Influence of bio-stimulants on growth, yield and economics of Kalmezh ( <i>Andrographis paniculata</i> ). Madras Agric. J., 96 (1-6): 150-155.	0024-9602	Co-author
35	N. Kumar. , <b>A. Ramesh Kumar</b> & R. Jayavalli. 2009. Canopy management is mango – TNAU's Experience. National symposium on Mango. HC & RI, TNAU, Periyakulam, P. 95-99	-	Co-author
36	M. Prabhu, <b>A. Ramesh Kumar</b> . & K. Rajamani. 2010. Influence of different organic substances on growth and herb yield of sacred basil ( <i>Ocimum sanctum</i> ). Indian Journal of Agricultural Research, 44 (1):48-52.	0019-5022	Co-author
37	<b>A. Ramesh Kumar</b> and N. Kumar. 2010. Effect of post shooting spray of certain nutrients on yield and quality of banana cv. Neypoovan (AB). Agric. Sci. Digest., 30(2): 125-128.	0253-150X	First author
38	<b>A. Ramesh Kumar</b> , N. Kumar, P. Jeyakumar and A. Subbiah. 2013. Impact of sources and levels of potassium on dry matter production, nutrient uptake and bunch characters of banana. cv. Robusta (Cavendish - AAA). Advances in plant Sciences, 26 (1): 111-114	0970-3586	First author
39	A. Subbiah, S. Anbu, R. Jagadeesan, M. Prabhu and <b>A. Ramesh Kumar</b> . 2013. Studies on the genetic analysis of vegetable cowpea. Advances in plant Sciences, 26 (1): 91-94.	0970-3586	Co-author
40	S. Muthu Kumar, V. Ponnuswami, M. Jawaharlal and <b>A. Ramesh Kumar</b> . 2012. Effect of plant growth regulators on growth, yield and exportable quality of cutroses. The Biosacn, 7(4), 733-738.	0973-7049	Co-author
41	M. Prabhu, S. Parthiban, <b>A. Ramesh Kumar</b> , B. Usha Rani and A. Vijayasamundeeswari. 2018. Effect of integrated nutrient management on acidlime [ <i>Citrus aurantifolia</i> . Swingle (L.)]. Indian	0019-5022	Co-author

	J. Agric. Res., 52 (3) 2018 : 290-294.		
42	M. Prabhu, S. Parthiban, <b>A. Ramesh Kumar</b> , B. Usha Rani and A. Vijayasamundeeswari. 2017. Regulation of flowering in acid lime ( <i>Citrus aurantifolia</i> Swingle). Indian J. Agric. Res., 51 (4) 2017 : 384-387.	0019-5022	Co-author
43	K. Kayalvizhi, <b>A. Ramesh Kumar</b> , A. Sankari and M. Anand. 2020. Induction of Mutation in Flower Crops- A Review. Int.J.Curr.Microbiol.App.Sci (2020) 9(6): 1320-1329	. ISSN: 2319-7706.	Co-author
44	K. Kayalvizhi, <b>A. Ramesh Kumar</b> and A. Sankari. 2020. A review on nematodes and their management in tuberose. International Journal of Ecology and Environmental Sciences 2(3):53-58	Online ISSN: 2664-7133; Print ISSN: 2664-7125;	Co-author
45	Kalangadan, N., Mary, A. S., Jyothi, R. H., Punniyakoti, S., Sundaresan, S., <b>Alagarsamy, R. K.</b> , & Rajaram, K. (2022). Characterization and antimicrobial evaluation of green synthesized silver nanoparticle thin films with reusable applications. <i>Materials Letters</i> , 314, 131923. (IF: 3.423)	Science Direct/Else vier	Co-author
46	V.P. Santhi, K. Indhumathi, <b>A. Ramesh Kumar</b> , K. Gurusamy, J. Auxilia, R. Arulmozhan and P. Paramaguru. 2022. EVALUATION OF GUAVA GERMPLASM FOR GROWTH, QUALITY AND YIELD ATTRIBUTES SUITABLE UNDER SODIC SOIL CONDITIONS. Plant Archives, 22 (1), pp. 442-450 DOI Url : <a href="https://doi.org/10.51470/PLANTARCHIVES.2022.v22.no1.069">https://doi.org/10.51470/PLANTARCHIVES.2022.v22.no1.069</a> (Peer reviewed, cross ref journal)	e- ISSN:2581- 6063 (online), ISSN:0972- 5210.	Co-author
47	H. Ragulraj, S. Srivignesh, K. Ramakrishna and <b>A. Ramesh Kumar*</b> . 2022. Bio-stimulants Influence on Growth and Yield of Aggregatum Onion. Eco. Env. & Cons. 28 (4), pp. (2062-2067). DOI No.: <a href="http://doi.org/10.53550/EEC.2022.v28i04.063">http://doi.org/10.53550/EEC.2022.v28i04.063</a> . (SCOPUS - H Index-15, PEER-REVIEWED JOURNAL UGC-CARE JOURNAL (List II- Internationally Accredited Journals-Science Citation Index Expanded )	ISSN 0971- 765X.	Corresponding author
48	Bawya, D., <b>Kumar, A.R.</b> , Srivignesh, S. and Krishna, K.R. (2022). Effect of Foliar Spray of Seaweed Extract and Humic Acid on Growth and Yield of Cluster Beans [ <i>Cyamopsis tetragonoloba</i> (L.) Taub.] var. Pusa Navbahar. Legume Research. DOI: 10.18805/LR-	<b>Print</b> ISSN0250- 5371, <b>Online</b> ISSN0976-	Corresponding author

	4998. (NAAS Rating 6.67, SJR.349 (2022) Q2, Impact Factor.669 (2022)..	0571	
49	K. Gnanasundari, S. Srivignesh, K. Rama Krishna, Manish Kumar and <b>A. Ramesh Kumar*</b> . 2022. Integrated Nutrient Management in Onion-A Review. Eco. Env. & Cons. 28 (November Suppl. Issue) pp. (S182-S192). DOI No.: <a href="http://doi.org/10.53550/EEC.2022.v28i07s.030">http://doi.org/10.53550/EEC.2022.v28i07s.030</a> . (SCOPUS - H Index-15, PEER-REVIEWED JOURNAL UGC-CARE JOURNAL (List II- Internationally Accredited Journals-Science Citation Index Expanded )	ISSN 0971-765X.	Corresponding author

## 2. Books authored

S.No	Publication details	ISBN/ ISSN No.	International/ National	Authorship
1	<b>A. Ramesh Kumar</b> and N. Kumar. 2010. Potassium nutrition in banana. Lambert Academic Publishing, Germany	ISBN No.978-3-8383-5611-2.	International	First author
2	A.Nithyadevi, T. Arumugam and <b>A. Ramesh Kumar</b> . 2011. Enhancing shelf life of banana using wax, chemical and bio-fungicide. VDM Publishers, Mauritius	ISBN No. 978-3-639-30681-1.	International	Co-author
3	A.Nithyadevi, <b>A. Ramesh Kumar</b> and V.Lakshmanan. 2011. Floriculture, landscaping and turf management, Lambert Academic Publishing, Germany	ISBN No.: 978-38484 9698-3	International	Co-author
4	<b>A. Ramesh Kumar</b> , V. Lakshmanan, V. Thondaiman and T.N. Balamohan. 2014. Botany	ISBN No.: 978-93-82471-49-3	. National	First author

	of Vegetable Crops: A text Book., Jaya Publishing House, Delhi-110095			
5	<b>A.Ramesh Kumar</b> , A.D. Ashok, N.Mageswari and K.Kayalvizhi. Botany of Fruit crops. 2019. Published by M/S. Guru Xerox & Color Park, Tiruchirapalli.	ISBN No. 978-93-5361-267-2	National	First author
6	A.D. Ashok, <b>A.Ramesh Kumar</b> , N.Mageswari and K.Kayalvizhi. Vegetable culture. 2019. Published by M/S. Guru Xerox & Color Park, Tiruchirapalli.	ISBN No. 978-93-5361-159-0	National	Co-author
7	A.D. Ashok, <b>A.Ramesh Kumar</b> , N.Mageswari and K.Kayalvizhi. Fruit culture. 2019. Published by M/S. Guru Xerox & Color Park, Tiruchirapalli.	ISBN No. 978-935361-372-3.	National	Co-author
8	K.Kayalvizhi , A. Sankari, <b>A.Ramesh Kumar</b> and A.D. Ashok. Scientific production techniques of tuberose . 2019. Published by M/S. Guru Xerox & Color Park, Tiruchirapalli.	ISBN No. 978-93-5361-643-4.	National	First author
9	A.D. Ashok, <b>A.Ramesh Kumar</b> , N.Mageswari and K.Kayalvizhi. Loose flowers. 2019. Published by M/S. Guru Xerox & Color Park, Tiruchirapalli.	ISBN No. 978-93-5361-712-7.	National	Co-author
10	K.Vanangamudi,	ISBN No. <b>978-81-</b>	National	Co-author

	P.Murugesaboopathi, M.Prabhu, <b>A.Ramesh Kumar</b> , R.Revathi and K. Nelson Navamaniraj. 2008. Dictionary of medicinal plants and seeds. Sri Sakthi Promotional Litho Press, Coimbatore	<b>906746-3-8</b>		
11	K.Vanangamudi, M.Prabhu, P.Murugesaboopathi, R.Revathi, K.Natarajan Coimbatore.	-	National	Co-author
12	V.Ponnuswami, M.Prabhu, <b>A.Ramesh Kumar</b> and	ISBN No. 978-81-908080-8-8.	National	Co-author
	B.Senthamizh Selvi. 2009. Panai (Palmyrah). TNAU,Coimbatore.			
13	V.Ponnuswami, <b>A.Ramesh Kumar</b> , M.Prabhu, R.Jagadeesan and B.Senthamizh Selvi. 2008. Descriptors for palmyrah. TNAU, Coimbatore.	ISBN. 978-81-9059-6	National	Co-author
14	V. Lakshmanan, <b>A. Ramesh Kumar</b> , A. Nithyadevi and V. Jeyabal. 2011. Coriander cultivation, ADAC & RI, TNAU, Trichy -9.	-	National	Co-author
15	<b>A.Ramesh Kumar</b> , M. Nirmaladevi, G. Porkodi, T.	-	National	First author

	<p>Saravanan, K. Venkatalakshmi, K. Natarajan, T. Kumar, G.Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S. Aneesa Rani.2016. Roof garden (Tamil), published by KVK, Vridhachalam.</p>			
16	<p><b>A. Ramesh Kumar,</b> M.Nirmaladevi,G. Porkodi, T.  Saravanan, K. Venkatalakshmi, K. Natarajan, T. Kumar,G.Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S.</p>	-	National	First author
	<p>Aneesa Rani. 2017. Enhancingpulses production in delta region (Tamil), published by KVK, Vridhachalam.</p>			
17	<p><b>A. Ramesh Kumar,</b> K.Natarajan, T. Saravanan, M.  Nirmala Devi, K. Venkatalakshmi, G.Porkodi, D. Kumar, G. Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S. Aneesa Rani.2015. Precision farming techniques of vegetable crops (Tamil). Published by KVK, Vridhachalam.</p>	-	National	First author

18	<p><b>A. Ramesh Kumar,</b> G.Porkodi,</p> <p>M. Nirmala Devi, K. Natarajan, T. Saravanan, K. Venkatalakshmi, D. Kumar, G. Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S. Aneesa Rani.2015. Nursery management in vegetable crops (Tamil). Published by KVK, Vriddhachalam.</p>	-	National	First author
19	<p>G.Porkodi, P.T.Sharavanan, K. Natarajan, <b>A.</b> <b>Ramesh Kumar,</b> K.Venkatalakshmi, D.Kumar,K. Meenalakshmi and S. Kannan.2017. Role of Organic farming in enhancing soil fertility (Tamil). Published by KVK, Vriddhachalam.</p>	-	National	Co-author
20	<p>K. Venkatalakshmi, <b>A.</b> <b>Ramesh Kumar,</b> K. Natarajan, T. Saravanan, M. Nirmala Devi, G.Porkodi, D.Kumar, G. Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S. Aneesa Rani.2015. Groundnut production techniques (Tamil). Published by KVK, Vriddhachalam.</p>	-	National	Co-author

21	M. Nirmala Devi, K. Venkatalakshmi, <b>A. Ramesh Kumar</b> , K. Natarajan, T. Saravanan, G. Porkodi, D. Kumar, G. Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S. Aneesa Rani. 2015. Paddy production techniques (Tamil). Published by KVK, Vriddhachalam.	-	National	Co-author
22	K. Natarajan, <b>A. Ramesh Kumar</b> , S. Maruthasalam, K. Venkatalakshmi, M. Balarubini, D. Kumar, G. Meenalakshmi, M. Selvi, and S. Kannan. 2018. Vermicompost for soil fertility enhancement. (Tamil). Published by KVK, Vriddhachalam.	-	National	Co-author
23	G. Porkodi, M. Nirmala Devi, <b>A. Ramesh Kumar</b> , K. Natarajan, T. Saravanan, K. Venkatalakshmi, D. Kumar, G. Meenalakshmi, R. Samundeeswaran, S. Kannan and M.S. Aneesa Rani. 2015. Soil testing and soil health improvement (Tamil). Published by KVK, Vriddhachalam.	-	National	Co-author



24	K. Natarajan, <b>A. Ramesh Kumar,</b> S.Maruthasalam, K. Venkatalakshmi, M.Balarubini, D. Kumar, G. Meenalakshmi, M.Selvi, and S. Kannan. Technologies forAgriculture enterprise in Cuddalore district (Tamil). Published by KVK, Vriddhachalam.	-	National	Co-author
25	<b>A. Ramesh Kumar, K.</b> Venkatalakshmi, S.Maruthasalam, K. Natarajan,M.Balarubini, D. Kumar, G. Meenalakshmi, M.Selvi, and S. Kannan. 2019. Improvedproduction techniques and value addition in cashew. (Tamil). Published by KVK, Vriddhachalam.	-	National	First author
26	<b>A. Ramesh Kumar, K.</b> Venkatalakshmi, S.Maruthasalam, K. Natarajan, M.Balarubin i, D. Kumar, G. Meenalakshmi, M. Selvi, and S. Kannan. 2019. Hitech production practices of cashew.(Tamil). Published by KVK, Vriddhachalam.	-	National	First author
27	S. Kannan, <b>A.</b> <b>Ramesh Kumar,</b> M.Nirmaladevi,	-	National	Co-author

	T.Saravanan, K. Venkatalakshmi, K. Natarajan, G.Porkodi, D.Kumar, R.Samundeeswaran, G. Meenalakshmi and M.S. Aneesa Rani. 2016. Processing technology of vegetables and fruits. (Tamil). Published by KVK, Vriddhachalam.			
28	S. Kannan, M.Nirmaladevi, <b>A. Ramesh Kumar</b> , G.Porkodi, T.Saravanan,	-	National	Co-author
	K. Venkatalakshmi, K. Natarajan, G. Meenalakshmi D. Kumar, R.Samundeeswaran, and M.S. Aneesa Rani. 2016. Production techniques of minor-millets. (Tamil). Published by KVK, Vriddhachalam			
29	K. Natarajan, T.Saravanan, M.Nirmaladevi, <b>A. Ramesh Kumar</b> , K. Venkatalakshmi, G.Porkodi, D. Kumar, R.Samundeeswaran, G. Meenalakshmi S. Kannan, and M.S. Aneesa Rani. 2015. Sustainable sugarcane cultivation. (Tamil). Published by KVK, Vriddhachalam.	-	National	Co-author
30	K. Venkatalakshmi, G.Porkodi, <b>A. Ramesh Kumar</b> , M.Nirmaladevi, K. Natarajan, T.Saravanan, S. Kannan, and M.S. Aneesa rani. 2016. Jck fruit cultivation. (Tamil). Published by KVK, Vriddhachalam.	-	National	Co-author

31	<b>A. Ramesh Kumar,</b> G.Porkodi, M.Nirmaladevi, T.Saravanan, K. Natarajan, K.	-	National	First author
	Venkatalakshmi, D. Kumar, R.Samundeeswaran, G.Meenalakshmi, S. Kannan, and M.S. Aneesa Rani. 2015. Vegetable cultivation techniques. (Tamil).Published by KVK, Vriddhachalam.			
32	<b>A. Ramesh Kumar,</b> T.Saravanan, M.Nirmaladevi, G.Porkodi,K. Natarajan, K.  Venkatalakshmi, D. Kumar, R.Samundeeswaran, G.Meenalakshmi, S. Kannan, and M.S. Aneesa Rani. 2016. Plant protection vegetable crops. (Tamil). Published by KVK,Vriddhachalam.	-	National	First author
33	G.Porkodi, M.Nirmaladevi, T.Saravanan, K. Natarajan, <b>A.</b> <b>Ramesh Kumar, K.</b> Venkatalakshmi, D. Kumar, R.Samundeeswaran, G.Meenalakshmi, S. Kannan, and M.S. Aneesa Rani. 2015. Pulses production techniques. (Tamil).Published by KVK, Vriddhachalam.	-	National	Co-author
34	<b>A. Ramesh Kumar,</b> G.Porkodi, M.Nirmaladevi, T.Saravanan, K. Natarajan, K. Venkatalakshmi, D.	-	National	First author

	Kumar, R.Samundeeswaran, G. Meenalakshmi, S. Kannan, and M.S. Aneesa Rani. 2015. Nursery techniques of vegetable crops. (Tamil). Published by KVK, Vriddhachalam.			
35	<b>A. Ramesh Kumar</b> , M.Nirmaladevi, T.Saravanan, G.Porkodi, K. Natarajan, K. Venkatalakshmi, D. Kumar, R.Samundeeswaran, G. Meenalakshmi, S. Kannan, and M.S. Aneesa Rani. 2016. Banana cultivation techniques. (Tamil). Published by KVK, Vriddhachalam.	-	National	First author
36	<b>A. Ramesh Kumar</b> , S.Srivignesh and B. Gopu. 2022. Flower biology and hybridization techniques in horticultural crops. Jaya Publishing House, New Delhi.	ISBN: 978-93-928515-68.	International	First author
37	<b>A. Ramesh Kumar</b> , S.Srivignesh, K. Rama Krishna and I. Arumukapraavin. 2022. Improved production techniques and value addition in cashew. Guru Xerox and Color Park, Tiruchirappalli- 620001, TN.	-	National	First author

### 3. Book chapters with ISBN number

1	<b>A. Ramesh Kumar</b> and V. Manonmani. 2010. Hybrid seed production and management in onion. Agro bios, Jodhpur.	ISBN No.9788177544213	National
2	<b>A. Ramesh Kumar</b> and J. Padma. 2010. Hybrid seed production and management in onion. Agro bios,	ISBN No.9788177544213	National

	Jodhpur, India. (ISBN No.9788177544213)		
3	<b>A. Ramesh Kumar</b> and R. Revathy and S. Sumathi. 2010. Hybrid seed production and management in Ashgourd. Agro bios, Jodhpur, India. (ISBN No.9788177544213)	ISBN No.9788177544213	National
4	<b>A. Ramesh Kumar</b> and C. Menaka. 2010. Hybrid seed production and management in Cucumber. Agro bios, Jodhpur, India. (ISBN No.9788177544213)	ISBN No.9788177544213	National
5	<b>A. Ramesh Kumar</b> , J. Srinivasan and R. Revathy. 2010. Hybrid seed production and management in Cauliflower. Agro bios, Jodhpur, India. (ISBN No.9788177544213)	ISBN No.9788177544213	National
6	<b>A. Ramesh Kumar</b> , V. Thondaiman, V. Laksmanan and T.N. 2013. Passion fruit. In: Fruit Production in India (Ed. W.S. Dhillon). Narendra Publishing House, New Delhi, Pp: 451-455	ISBN No.: 10:9382471065/13:978 9382471066.	National
7	Rekha,A, <b>A. Ramesh Kumar</b> , V. Thondaiman and T.N. Balamohan. 2013. Pineapple. In: Fruit Production in India (Ed. W.S. Dhillon). Narendra Publishing House, New Delhi, Pp: 524-530	ISBN No.: 10:9382471065/13:978 9382471066.	National
8	Integrated Crop management practices in snake gourd (Tamil). 2017. In: Agriculture Extension: Laser Publishing house, Coimbatore., pp:90-91.	ISBN No. 978-93-84234-65-2	National
9	Storage studies in amaranthus (Tamil). 2015. In: Laser Publishing	ISBN No. 938-423445-1	National

	house,Coimbatore. pp:97-99.		
10	Bunch nutrition in banana. 2016. In: Vegetable and fruit culture (Tamil). LaserPublishing house, Coimbatore., pp: 19-20.	ISBN No. 978938423456- 0	National
11	IPDM in brinjal (Tamil). 2016. In: Vegetable and fruit culture. Laser Publishing house, Coimbatore., pp: 258-261.	ISBN No. 978938423456- 0	National
12	Media for propagation of nerium (Tamil). 2015. In: Horticulture Science. Laser Publishing house, Coimbatore.	ISBN: 9789384234133.	National
13	Senthilkumar, S., S. Srivignesh, A. <b>Ramesh Kumar</b> and S. Manivannan. 2021. Sapota ( <i>Manilkara achras</i> (Mill.) Fosberg), In: Tropical fruit crops- Theory and practical, Ghosh, S.N and Sharma, R.R (Eds.). Jaya Publishing house, New Delhi. p:576-609.	ISBN- 9789390611683	National
14	S. Srivignesh, A. <b>Ramesh Kumar</b> , S. Marimuthu, Swathika. 2022. Allelopathy effect on forest trees, weeds, crop plants. In: Agroforestry: Prospects, strategies and future aspects. Eds. Neelam Khare et al. Taran Publications, new Delhi, India.	ISBN: 9788195339297	National
15	<b>A. Ramesh Kumar</b> , S. Srivignesh, and K. Vijayalakshmi. 2022. Botanical classification, taxonomy and floral biology of <i>Solanum melongena L.</i> In: <i>Solanum melongena: Production, Cultivation and Nutrition</i> (). Editors: A. M. Ansari, W. Hasan and M. Prakash © 2021 Nova Science Publishers, Inc., New York, USA.	ISBN: 978-1-68507-311-4	International
16	<b>A. Ramesh Kumar</b> , S. Srivignesh, K. Vijayalakshmi and S. Manivannan. 2022. High yielding varieties of <i>Solanum melongena L.</i> and their yield potential. In: <i>Solanum melongena: Production, Cultivation and Nutrition</i> (ISBN: 978-1-68507-311-4). Editors: A. M. Ansari, W. Hasan and M. Prakash © 2021 Nova Science Publishers, Inc., New York, USA.	ISBN: 978-1-68507-311-4	International
17	Priyadarsini, L., <b>Ramesh Kumar</b> , A., Rama Krishna, K., Senthilkumar, S and	ISBN: 978-93-92313-22-6	National

	Manivannan, S. 2021. Irradiation practices over fresh and fresh cut fruits and vegetables. In: Interdisciplinary approaches in agriculture and forestry. Eds. Sandeep Rout, Udit Nandan Mishra and Rupak Jena. Taran Publication, New Delhi.,. Pp:23-28.		
18	Gnanasundari, K., <b>Ramesh Kumar, A.</b> , Senthilkumar, S., Srivignesh, S and Manivannan, S. 2021. Transgenics in vegetable crops and its impact on the environment. In: Interdisciplinary approaches in agriculture and forestry. Eds. Sandeep Rout, Udit Nandan Mishra and Rupak Jena. Taran Publication, New Delhi., ISBN: 978-93-92313-22-6. Pp:29-38.	ISBN: 978-93-92313-22-6	National
19	Deena Dayalan, M., <b>Ramesh Kumar, A.</b> , Rama Krishna, K., Senthilkumar, S and manivannan, S. 2021.Impacts of flooding stress in fruits and its adaptation strategies. In: Interdisciplinary approaches in agriculture and forestry. Eds. Sandeep Rout, Udit Nandan Mishra and Rupak Jena. Taran Publication, New Delhi., ISBN: 978-93-92313-22-6. Pp: 39-43.	ISBN: 978-93-92313-22-6	National

#### 4. Books without ISBN Number

1	E.Vadivel, M.Kannan, I.Muthuvel, <b>A.Ramesh Kumar</b> ,P.K.Sambasivam and K.Subramaniyan. 2006. Precision farming technologies. TNAU, Coimbatore.		<b>National</b>
2	E.Vadivel, M.Kannan, I.Muthuvel, <b>A.Ramesh Kumar</b> , P.K.Sambasivam, K.Subramaniyan, S.Haripriya and K.Padmadevi. 2006. Tamil Nadu Precision farming project: Expertise shared and experience gained. TNAU, Coimbatore.		<b>National</b>
3	M.Kannan, <b>A.Ramesh Kumar</b> , S.Annadurai and K.Subramaniyan. 2007. Hitech practices for horticultural Edited book crops. Department of Horticulture & Plantation Crops, Govt. of Tamil Nadu.		<b>National</b>
4	S.Sathiyamoorthy, R.Selvarajan, S.Uma, J.Auxcilia and <b>A.RameshKumar</b> . Guide on handling and hardening of tissue culture banana. 2001. GOI- ICAR- NRCB, Trichy, TN.		<b>National</b>

### 5. Teaching manuals:

Brought out the following course manuals.

- HOR 301 Floriculture, Landscaping and Turf Management (2+1). 2011.
- HOR 111 Fundamentals of Horticulture (1+1). 2010-11
- HOR 111 Fundamentals of Horticulture (1+1). 2010-11
- HOR 111 Fundamentals of Horticulture (1+1). 2010-11
- HOR 502 - Ornamental Gardening and Landscaping (2+1). 2011-12
- FSC 102 - Propagation of horticultural crop (2+1)
- FSC 101 Fundamentals of Horticulture (1+1)
- HOR 502 - Ornamental Gardening and Landscaping (2+1). 2012-13
- FSC 103 Production technology of tropical and arid zone fruits (2+1)
- HOR 301 Floriculture, Landscaping and Turf Management (2+1). 2010.
- HOR 301 Floriculture, Landscaping and Turf Management (2+1). 2012.
- HOR A21 Commercial flowers and ornamental gardening (0+2)
- HOR A12 Vegetable and fruit culture (2+1)

### 6. Membership/Fellowship of learned/accredited bodies/ Committees

S.No	Name of the Society	Type of Membership
1	The Academy of Plant Sciences India, Muzzafarnagar	Life
2	The Indian Science Congress Association, Calcutta	Life
3	South Indian Hort. Association, Coimbatore	Life
4	Madras Agriculture Students Union, Coimbatore	Life
5	The Hortl. Society of India, New Delhi	Life
6	National Environmental Science Academy, New Delhi	Life
7	Agriculture Tamil Scientific Society, New Delhi	Life
8	Madhumitha Foundation, Suryapet, Telengana	Life
9	Tamil Nadu Scientific Research Organization	Life
10	Departmental Promotion Committee of ICAR- NRC for Banana, Tiruchirappalli, TN.	-
11	Board of Studies of Department of Horticulture, CUTN, Thiruvarur.	Member/ Charman
12	Life member in AgriGate e-magazine	Life

### 7. Institutional responsibilities

- Served as NSS Programme Officer, Farm Manager, Academic Co-ordinator, Vehicle Officer, Research Co-ordinator, Library in-charge, Member in question bank development committee at University level, Member in Infrastructure development committee for strengthening of State Horticulture Farms of Tamil Nadu.



- Head, Department of Horticulture, CUTN from 01.05.2023.
- Chairman/member in BOS, Department of Horticulture, CUTN

#### 8. Transfer of technology through mass media - Radio talks / TV talks

Sl. No.	Name of Office	Title of the talk/programme	Date	TV/Radio station
i.	KVK, Vriddhachalam	Interview on “Roof garden”	03.06.2016	AIR, Pondichery
ii	KVK, Vriddhachalam	Pro tray nursery	25.09.2017	AIR, Pondichery
iii	KVK, Vriddhachalam	Vegetable growing in terrace garden	16.09.2018	Makkal TV
iv	KVK, Vriddhachalam	“Live telecast of Roof garden”	19.11.2018	DDK, Pondichery
v	KVK, Vriddhachalam	Techniques to enhance yield in cashew	19.02.2019	DDK-Podhigai-Ponvilaiyum bhoomi
vi	KVK, Vriddhachalam	Roof garden	28.03.2019	DDK-Podhigai-Ponvilaiyum bhoomi
vii	KVK, Vriddhachalam	Medicinal garden for home	08.04.2019	DDK-Podhigai-Ponvilaiyum bhoomi
viii	KVK, Vriddhachalam	Crop management practices for water melon	02.05.2019	DDK-Podhigai-Ponvilaiyum bhoomi

#### 9. Editor /Reviewer of e-content for complete course /paper/e-book/ journals

Sl. No.	Name of the Office/journal/society	Brief description
i.	KVK, Vriddhachalam	Joint Editor of Yerkalam (Quarterly News Letter of KVK, Vriddhachalam)
ii.	<i>The Fruits</i>	Reviewer of online Journal
iii	Journal of Environmental Biology	Reviewer
iv	Journal of Krishi Vigyan	Reviewer
v	Academia letters	Reviewer
vi	Journal of Horticultural Sciences	Reviewer
vii	<a href="#">Journal of Horticultural Sciences</a> , ICAR- IIHR, Bengaluru, India.	Reviewer

viii	Academia Letters	Reviewer
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### 10. Research projects completed

Sl.No.	Title of the research project	Funding agency	Budget (Rs.)
1	Influence of different ethylene concentrations and temperature regimes on ripening behavior of banana	TNAU, Coimbatore	0.50 lakh
2	Effect of chemical preservatives on vase-life of cut tuberose	TNAU, Coimbatore	0.50 lakh
3	Studies on rooting of cuttings in vitro.	TNAU, Coimbatore	0.50 lakh
4	Storage studies in green leafy vegetables	TNAU, Coimbatore	0.50 lakh
5	Standardization of protocol for tissue culture in palmyrah ( <i>Borassus flabellifer</i> ) types	M/S. Rajam Herbal technologies, Salem, TN.	4.5 lakhs
6	Mass multiplication of ornamental plants for rapid urbanization	TNAU, Coimbatore	1.0 lakh
7	Establishment, Demonstration and Training on roof garden for the urban community	TNAU, Coimbatore	1.0 lakh
8	A value chain on mango and guava for domestic and export markets	GOI- NAIP	144.49 lakhs
9	Development of National database in mango	DBT, New Delhi	27.14 lakhs
10	Improved production techniques and value addition in cashew	GOI- DCCD, Kochi	0.90 lakhs
11	Pre- rabi awareness programme on pulses and vegetables	GOI-ATARI, ICAR, Bangalore	0.80 lakhs
12	NADP- Enhancing pulses production in delta and non-delta districts	NADP	2.50 lakhs
13	Sankalp Se Siddhi programme	GOI-ATARI, ICAR, Hyderabad	0.80 lakhs
14	Palm climbing training- Friends of coconut tree (FOCT)	GOI - CDB, Chennai	1.13 lakhs

15	Screening and evaluation of guava ( <i>Psidium guajava</i> ) germplasm for sodicity tolerance	TNAU, Coimbatore	2.0 lakhs
16	Assessment of bhendi hybrid suitable for Cuddalore district	GOI-ATARI, ICAR, Hyderabad	0.50 lakhs
17	Assessment of watermelon varieties suitable for Cuddalore district	GOI-ATARI, ICAR, Hyderabad	0.50 lakhs

**11. Seminars/Conferences/Trainings attended and paper presented: International (within India)**

Sl. No.	Name of the event	Period		Duration (days)
		From	To	
1	2 <sup>nd</sup> international symposium on papaya at TNAU, Coimbatore & ISHS, Belgium	09.12.2008	12.12.2008	4 days
2	N.Kumar, M.Kavino and <b>A.Ramesh Kumar</b> . 2006. Balanced fertilization for sustainable yield and quality in tropical fruit crops. In : International symposium on balanced fertilization for sustaining crop productivity at PAU, Ludhiana, ISBN 978-3- 9523243-2-5	22.11.2006	25.11.2006	4 days
3	M.Kavino N.Kumar, P.Jeyakumar and <b>A.Ramesh Kumar</b> . 2006. Leaf and soil nutrient status of ratoon banana cv. Robusta (AAA) influenced by fertilizer sources applied through fertigation under high density planting system. In : International symposium on balanced fertilization for sustaining crop productivity at PAU, Ludhiana, ISBN 978-3- 9523243-2-5	22.11.2006	25.11.2006	4 days
4	<b>A.Ramesh Kumar</b> , N.Kumar, S. Chellamuthu and A.Subbiah. 2006. Efficacy of sulphate of potash on growth, yield and quality of banana. In : International symposium on balanced fertilization for sustaining crop productivity at PAU, Ludhiana, ISBN 978-3-9523243-2-5	22.11.2006	25.11.2006	4 days
5	<b>A.Ramesh Kumar</b> , N.Kumar and M.Kavino. 2006. Post shooting spray of sulphate of potash on yield and quality of banana cv. Rasthali. In : International symposium on balanced fertilization for sustaining	22.11.2006	25.11.2006	4 days

	crop productivity at PAU, Ludhiana, ISBN 978-3-9523243-2-5			
6	<b>A.Ramesh Kumar</b> , N.Kumar and K.Poornima. 2006. Influence of sources and levels of potassium on nematode population and yield of banana. In : International symposium on balanced fertilization for sustaining crop productivity at PAU, Ludhiana, ISBN 978-3-9523243-2-5	22.11.2006	25.11.2006	4 days
7	International training cum workshop on recent advances for eco-friendly management of nematodes in banana at NRCB, Trichy & INIBAP, France	16.03.2004	18.03.2004	3 days
8	International training on MGIS at NRCB, Trichy & INIBAP, France	21.05.2001	24.05.2001	4 days
9	Workshop on names and synonyms of banana and plantain at NRCB, Trichy & INIBAP, France	25.05.2001	26.05.2001	2 days
10	2 <sup>nd</sup> Promusa international banana breeders meet at TNAU, Coimbatore & INIBAP, France	23.06.2003	27.06.2003	5 days
11	Global conference on banana at AIPUB and NRCB, Trichy	10.12.2010	13.12.2010	4 days
12	International conference on invigorating transfer of farm extension towards sustainable development: Futuristic challenges and prospects, TNAU, Coimbatore-3	09.03.2018	10.03.2018	2 days
13	S.Uma, R.Selvarajan, M.S.Saraswathy, A.Ramesh Kumar and S.Sathiyamoorthy. 2002. Production of quality planting material in banana. In: Global conference on banana and plantain, held at Bangalore.	28.10.2002	31.10.2002	4 days

## 12. National

Sl. No.	Name of the event	Period		Duration (days)
		From	To	
1	National conference on Plant biodiversity for aesthetic values and landscape	26.11.2010	28.11.2010	2 days

	gardening atTNAU, Coimbatore-3							
2	88 <sup>th</sup> Indian science congress, New Delhi					03.01.2000	05.01.2000	3 days
3	The national seminar on New Frontiers and future challenges in horticultural crops at Punjab Agricultural University, Ludhiana, Punjab					15.03.2012	17.03.2012	3 days
4	Pre and post harvest management and processing of fruits and vegetable- Brain storming session at AC & RI, Madurai.					20.11.2014	21.11.2014	2 days
5	Tamil Agriculture conference, organized by Tamil Society for Agriculture Science, New Delhi at TNAU, Coimbatore					12.08.2017	13.08.2017	2 days
6	Technological intervention for sustaining the production of commercially viable medicinal crops					23.09.2010	26.09.2010	4 days
7	Meeting the challenges in Banana and Plantain for emerging biotic and abiotic stresses					10.12.2010	13.12.2010	4 days
8	Tree Architecture Engineering and Management of subtropical fruits					12.10.2011	01.11.2011	21 days
9	Advance in Post harvest handling and production of value added products of banana for export					18.10.2010	25.10.2010	8 days
10	Canopy management in mango					15.09.2010	16.09.2010	2 days
11	Orientation Scheme	courses	under	National	Service	14.07.2010	23.07.2010	10 days
12	Pre and post harvest management in guava					10.03.2011	-	1 day
13	Awareness on e- courses for B.Sc (Hort.) on moodle platform on on-line and off-line					07.11.2013	08.11.2013	2 days
14	Recent advances conservation of genetic resources in plantation crops					22.10.2013	31.10.2013	10 days
15	Training programme on commodity futures					17.02.2010	19.02.2010	3 days
16	Orientation Scheme	courses	under	National	Service	14.07.2010	23.07.2010	10 days
17	National seminar on "Aromatic crops", HRS, Kodaikanal					24.02.2012	26.02.2012	3 days
18	National workshop on Precision farming technologies for banana- Dept. of Soil & Water Conservation Engg., TNAU,					10.01.2014	11.01.2014	2 days

	Coimabto			
19	Indian Hort. Congress & Hort Intex 2014,CODISSIA, Coimbatore	06.11.2014	09.11.2014	4 days
20	IInd Scientific Tamil conference, ADAC & RI,Trichy	05.05.2016	06.05.2016	2 days
21	<b>2nd KVK symposium</b> on “Frontline Extension Programmes for realizing higher productivity and profitability in farming” at TNAU, Coimbatore during.	08.03.2017	08.03.2017	2 days
22	Workshop on “Agro forestry policy 2014” at FC & RI, Mettupalayam	09.12.2015	12.12.2015	4 days
23	Refresher course on “Soilless cultivation,hydroponics and aeroponics”	09.01.2018	29.01.2018	21 days
24	Recent trends in biodiversity conservation anddocumentation at Mahatma Gandhi Govt. Arts College, Mahe.	06.11.2008	07.11.2008	2 days
25	National conference on perspective and present scenario of plant science research at Institute of Science, Mumbai	20.11.2008	21.11.2008	2 days
26	National seminar on new perspectives in spices, medicinal and aromatic plants at ICAR ResearchCampus, Goa.	27.11.2003	29.11.2003	3 days
27	National seminar on current scenario inproduction, processing and export of spices at HRS, TNAU, Yercaud.	21.02.2008	22.02.2008	2 days
28	National conference on farmers orientationtowardsclimate change and upgrading sustainable agriculture at National College,Trichy.	23.02.2019	24.02.2019	2 days
29	National conference on sustainable agriculture & rural livelihoods (SARL-2019) at Annamalai University, Chidambaram.	26.04.2019	27.04.2019	2 days
30	V.Ponnuswami, B.Senthamizh Selvi, <b>A. Ramesh Kumar</b> and M.Prabhu. 2009. Value addition in underutilized fruits and its wastes. National seminar on status and future strategies of horticulture development in A & N islands.	23.01.2009	25.01.2009	3 days

31	Protection of plant variety and farmers right act, held at TNAU, Coimbatore.	04.02.2015	-	1 day
32	Quality estimation of jasmine flower concrete by electronic means, held at TNAU, Coimbatore-3.	05.02.2015		1 day
33	Srivignesh, S, Senthil Kumar, S, Ramesh Kumar, A, Manivannan, S and C.P. Suresh. 2020. Mitigation of abiotic stresses with new generation plant growth regulators in fruit crops: A current perspective. International web conference on Perspectives on Agriculture and applied sciences in COVID-19 scenario (PASS 2020), held during October, 4-6, 2020. Page: 275.	04.10.2020	06.10.2020	3 days
34	Sachin Mathew, S, Senthil Kumar, S, <b>Ramesh Kumar, A</b> and Manivannan, S. 2020. Impact of ecophysiological factors and bio-fertilizers on growth performance in banana cv. Grand Naine under Punjab conditions. International web conference on Perspectives on Agriculture and applied sciences in COVID-19 scenario (PASS 2020), held during October, 4-6, 2020. Page: 299.	04.10.2020	06.10.2020	3 days
35	Disaster management in horticultural crops, organized by KVK, TNAU, Needamangalam, TN.	29.09.2020	-	1 day
36	Organic farming Practices in horticultural crops, organized by GOI- Vigyan Prashar and TN Science and Technology Centre, Vellore, TN	09.12.2020		1 day
37	Production technology of vegetables and spices- An overview organized by Dhanalakshmi Srinivasan Agriculture College, Perambalur, TN	08.12.2020		1 day
38	Advances in post-harvest management of fruits and vegetable organized by Dhanalakshmi Srinivasan Agriculture College, Perambalur, TN.	24.12.2020		1 day
39	Canopy management in mango organized by College of Horticulture, UHSB, Bidar, Karnataka.	15.01.2021		1 day
40	Allwin, V., Rama Krishna, K., Srivignesh, S., <b>Ramesh Kumar, A.</b> and M. Malakar. Effect of polyamines on shelf life of tuberose loose flowers. Session-X: Post-harvest Management and Value Addition. 9th Indian Horticulture	November 18-21, 2021		4 days



	Congress-2021 on “Horticulture for Health, Livelihoods and Economy” November 18-21, 2021, organized by Chandra Shekhar Azad University of Agriculture and technology, Kanpur, and Indian Academy of Horticultural Sciences, New Delhi.			
41	Ranjith R.K., Senthilkumar S., <b>Ramesh Kumar A.</b> and Manivannan S. Studies on yield and quality of pomegranate var. Bhagwa as affected by plant bioregulators. 2021. 9th Indian Horticulture Congress-2021 on “Horticulture for Health, Livelihoods, and Economy” November 18-21, 2021, organized by Chandra Shekhar Azad University of Agriculture and Technology, Kanpur and Indian Academy of Horticultural Sciences, New Delhi. Pp: 90.	November 18-21, 2021		4 days
42	<b>Ramesh Kumar A .</b> Effect of seaweed extract and humic acid on growth and yield of cluster beans. 2021. 9th Indian Horticulture Congress-2021 on “Horticulture for Health, Livelihoods and Economy” November 18-21, 2021, organized by Chandra Shekhar Azad University of Agriculture and Technology, Kanpur and Indian Academy of Horticultural Sciences, New Delhi. Pp: 118.	November 18-21, 2021		4 days
43	Ragulraj, H., * <b>Ramesh Kumar, A.</b> and Srivignesh, S. Influence of Bio-Stimulants on Growth and Yield of Aggregatum Onion Var. Co 4. 2021. 3rd International Conference on “Global Initiative in Agricultural, Forestry and Applied Sciences for Food Security, Environmental Safety and Sustainable Development (GIAFAS-2021)”, held at Shri Guru Ram Rai University, Dehradun, Uttarakhand, India; on October 17-18, 2021. Pp: 162-163.	October 17-18, 2021		2 days
44	M. Deena Dayalan, S.Srivignesh, S. Manivannan, K. Rama Krishna , Kaushik Rajaram, S. Kathiresan and <b>A. Ramesh Kumar*</b> . 2023. Studies on flowering and fruiting behaviour of Water apple. ICBCSAFS, 2023. Organized by Centre for	09-10, March, 2023		2 days

	Natural Farming and Sustainable Agriculture, Faculty of Agriculture, Annamalai University, Annamalai Nagar- 608 002 from 09-10, March, 2023. P: 113. ISBN: 978-81-960905-5-5.			
45	Manish Kumar, S. Srivignesh, S. Manivannan, Dinakar Challabathula and <b>A. Ramesh Kumar*</b> : 2023. Effect of different pruning intensities and chemicals on pod characteristics of perennial moringa ( <i>Moringa oleifera</i> Lam.) cv. Kappalpatti local during off-season. ICBCSAFS, 2023 organized by Centre for Natural Farming and Sustainable Agriculture, Faculty of Agriculture, Annamalai University, Annamalai Nagar- 608 002 from 09-10, March, 2023. P: 114. ISBN: 978-81-960905-5-5.	09-10, March, 2023		2 days
46	S. Gayathri, Kartheeswaran, D, <b>Ramesh Kumar, A</b> and Kathiresan, S. 2023. Effects of plant hormones on callus induction in soybean for <i>Agrobacterium</i> mediated genetic transformation. International conference on emerging trends in biotechnology and Bioeconomy, organized by Department of Biotechnology, Manonmaniam Sundaranar University, Tirunelveli, from 09-10, March, 2023. P: 98.	09-10, March, 2023		2 days
47	Priyadarsini, L., Subbiah, A., Ramesh Kumar, A., Srivignesh, S., Rama Krishna, K., Kaushik Rajaram, S. Kathiresan and <b>A. Ramesh Kumar*</b> : 2022. Studies on yield and quality analysis of grape var. muscat hamburg grafted on dog ridge rootstock and own rooted. 5 <sup>th</sup> Plant Science Research Meet, 2022 (PSRM) - National Conference on Agriculture, Applied and Life Sciences: Current Research, organized by Association of Plant Science Researchers and Indian Academy of Rural Development and held at Uttarakhand Open University, Nainital, India from 18-19, November, 2022. Pp:146-147.	<b>18-19, November, 2022.</b>		2 days
48	Harish, A., <b>Ramesh Kumar, A</b> and Archana Mahida. 2023. VRT: a precision horticulture technology towards agriculture 5.0. Progressive Horticulture Conclave, 2023: Transforming horticulture science into	<b>03-05, February, 2023</b>		3 days

technology. Organized by: G.B. Pant University of Agriculture and Technology, Pantnagar-263145, U.S. Nagar, Uttarakhand			
Indian Society of Horticultural Research & Development (ISHRD), Uttarakhand India, held from 03-05, February, 2023. P:236.			

### 13. Conferences, Seminars, Workshops, Trainings etc., organized with details

S.No	Title	Date(s)	Budget (Rs.)
1	GOI- DCCD sponsored training- Improved production technology and value addition in cashew to the farmers of Pudukottai district.	09.02.2023 and 10.02.2023.	60,000/-
2	Served as Organizing committee member, of the workshop entitled "IMPACT OF CLIMATE CHANGE ON AGRO BIODIVERSITY" at CUTN, organized by Dept of Horticulture and UGC-STRIDE, Central University of Tamil Nadu	29&30.11.2022.	-

### 14. Faculty Participation in Faculty Development Programmes (UGC-HRDC Courses), Conferences, Seminars, Workshops etc., with details

S.No	Title	Date(s)	Organizer(s)
1	Underutilized horticultural crop	05.01.2021	AAU, Anand, Gujarat
2	Drought mitigation preparedness under climate change	26.03.2021	College of Agriculture, SKN Agri. University, Jobner, Rajasthan.
3	Recent trends in Landscape industry	17.7.2020	Annamalai University, Chidambaram, TN.
4	Challenges to combat recent challenges in floriculture industry	18.7.2020	Annamalai University, Chidambaram, TN.
5	Landscape tools for smart societies	19.7.2020	Annamalai University, Chidambaram, TN.
6	New Normal in Floriculture	23.7.2020	Annamalai University, Chidambaram, TN.
7	Indian Citation Index	25.07.2020	Divya enterprises (P) Ltd., and Indian Citation Index
8	Promoting potential minor fruit crops	15-16, October, 2020	College of Horticulture and Forestry, Pasighat, Arunachal Pradesh
9	Patent and IPR in Agriculture research	13.06.2020	College of Agriculture, Ganjbasoda, Jabalpur
10	Intellectual Property and	12.10.2020	College of Horticulture, Dr. YSR

	Technology commercialization: Pivotal for successful business		Horticulture University, AP.
11	Recent Advances in mango production	15-16, January, 2021	College of Horticulture, Bidar, UHSB, Karnataka
12	Recent trends in non-thermal food processing technologies	20-21, September, 2020	NIT, Rourkela, Odisha
13	Precision farming in banana	25.07.2020	ICAR- NRCB, Tiruchirappalli, TN.
14	Organic farming	16-20, june, 2020	JNKVV, Jabalpur
15	Frontiers in Nanotechnology and applications	15.07.2020	St. Xaviers College, Palayamkottai, TN.

### 15. State/University

Sl. No.	Name of the event	Period		Duration (days)
		From	To	
1	Post harvest handling of fruits with special reference to amla and papaya	03.10.2012	-	1 day
2	Awareness on e- courses for B.Sc (Hort.) on moodle platform on on-line and off-line	07.11.2013	08.11.2013	2 days
3	Post harvest technology and value addition in mango and guava	05.03.2012		1 day
4	District level seminar on cashew	2017	2018	1 day
5	Improved production techniques and addition in cashew	2017	2018	3 days

**Invited lecturers delivered: 64 Nos.**

#### Popular articles published

- K. Kayalvizhi, **A. Ramesh Kumar** and A. Sankari. 2020. Cultivation of Amaranthus. Pachai Boomi. August issue: Pp: 6-7.
- K. Kayalvizhi, **A. Ramesh Kumar**, A. Sankari and M. Anand. 2020. Poisonous Ornamental Plants. Research Today, 2(5) : 392-399.
- K. Kayalvizhi, A. Sankari, **A. Ramesh Kumar** and A.D. Ashok. 2020. Role of bamboo species in landscaping. 2020. Agriculture & Food e-Newsletter. ISSN:2581-8317, 2(6): 433-436.

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