Professional Profile

Dr. K. Rama Krishna, **(Ph.D: ICAR-IARI)**
Assistant Professor, **Specialization: Postharvest Technology**
Department of Horticulture,
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CAREER OBJECTIVE

- To impart education and research of the highest standards to the students. Always available to guide students in their overall development.

EDUCATIONAL QUALIFICATION

Qualification	Year	University /School Name
Ph.D (Postharvest Technology)	2018	ICAR-Indian Agriculture Research Institute, New Delhi-12.
M.Sc (Hort.), Postharvest Technology	2013	UHS, Bagalkot, College of Horticulture, Bangalore
B.Sc (Hons) Horticulture	2011	Dr. YSRHU (A.P.H.U), College of Horticulture, Hyderabad
ICAR-NET	2014	Fruit Science

ACHIEVEMENTS

Fellowship:

- ❖ National fellowship for students with disabilities. UGC-2014.
- ❖ ICAR-IARI Merit fellowship for Ph. D.

Awards:

- ❖ Best Poster Presentation certificate, 9th HSI, Horticulture for Health, Livelihoods and Economy-2021, New Delhi.
- ❖ Research Excellence Award was awarded by Institute of Scholars, Chitradurga, Karnataka, 2020.
- ❖ Best Poster Presentation certificate, 6th HSI, Doubling Farmers Income through Horticulture-2016, New Delhi. (Ph.D work).
- ❖ Best Oral Presentation certificate, National Conference on Food processing for Value Addition: Trends and Innovations. MDU, Rohtak, U.P. (Ph.D work)
- ❖ Best Oral Presentation Certificate, Agri. Resource Management for Sustainability and Eco-Restoration-2016, Bikaner. (M.Sc work).
- ❖ Best Poster Presentation Certificate, 1st SYMPHORT-2014, Lucknow. (M.Sc work)

Sports and cultural events:

- ❖ 1st-Photography, *Pari* Kalpana-2016, Cultural and Literary events, IARI, New Delhi.
- ❖ 3rd in One Act Play-inter collegiate youth festival-2011, UHS, Bagalkot, Karnataka.
- ❖ 3rd in Mime-inter collegiate youth festival-2011, UHS, Bagalkot, Karnataka.
- ❖ Participated in Inter Collegiate Games, Sports, Cultural & Literary Meet-2009, APHU.

ACADEMIC POSITIONS

- I was a member of **"Board of Studies"** committee in the Div. of Food Science and Postharvest Technology, ICAR-IARI, New Delhi-12, for the year 2016-17.
- I am a member of "Board of Studies" committee in the Department of Horticulture, School of Life Sciences, CUTN, Thiruvarur from 2019-till date.

Resource Person and Seminar/Trainings Conducted

- Dr. K. Rama Krishna has served as **'Resource person'** in a training program on 'Improved production technology and value-addition in cashew' at Ariyalur dt., TN organised by Department of Horticulture, CUTN, In association with GOI-DCCD, Kochi, Kerala, during 20-21/03/2025.
- Dr. K. Rama Krishna **delivered a guest lecture** (online) on 'Postharvest Management of Horticulture' to postgraduate students of Department of Postharvest Technology on 29.11.23 offered by Amity Institute of Horticulture Sciences, Amity University, Noida, UP.
- Dr. K. Rama Krishna has served as **'Resource person'** for the **Two Days of Training (**16th and 17th October 2023) **on "Prospects ofValue Addition for Livestock Products" to Framers** offered by Department of Epidemiology and Public Health, School of Life Sciences, Central University of Tamil Nadu, Thiruvarur. He delivered a talk on "**Value-Addition Opportunities Based on Millet for Milk and/or Meat**".

- Dr. K. Rama Krishna has **served as a jury member** for evaluation of poster presentations during International Seminar on Exotic and Underutilized Horticultural Crops held during 17-19 October, 2023 at ICAR-IIHR, Bengaluru.
- Dr. K. Rama Krishna has **served as 'Resource person'** in a training program on 'Improved production technology and value-addition in cashew' at Pudukottai dt., TN organised by Department of Horticulture, CUTN, In association with GOI-DCCD, Kochi, Kerala, during 10-11/02/2023.
- Dr. K. Rama Krishna has **conducted a Webinar** on 'Student Sensitization Program on Higher Education Abroad' during 01/11/2020 at Department of Horticulture, CUTN.

Teaching and Research Experience

- Has 4.5 years of teaching and 9 years of research experience.
- Guided 15 M.Sc. Students in different areas of horticulture, especially postharvest management-related studies.
- Guiding 2 Ph.D. scholars and 3 M.Sc students presently.

PUBLICATIONS AND ACADEMIC ACTIVITIES

S.no	Publications	NAAS Score (Indexed) & IF
	Research articles	
1.	M R Kavya, **Karri Rama Krishna**, Alagarsamy Ramesh Kumar, Sundaresan Srivignesh, (July, 2025). From gene to plate- Nutritional genomics and the second generation transgenics, *Nutrition*, doi: https://doi.org/10.1016/j.nut.2025.112917	**9 (Scopus) IF:3**
2.	Sezhian, Ambethgar Anbu, Nehru Niresh Kumar, Iyadurai Arumuka Pravin, Alagarsamy Ramesh Kumar, **Karri Rama Krishna**, and Sundaresan Srivignesh (2025). "Effects of Biostimulants on Growth and Biochemical Composition of Amaranthus Dubius". *Archives of Current Research International* 25 (4):42-61. https://doi.org/10.9734/acri/2025/v25i41135.	**5.13**
3.	Pradeep, M., Srivignesh, S., **Krishna, K. R**., Kathiresan, S., Pravin, I. A., & Kumar, A. R. (Sept. 2024). Enhancing yield and economics of banana cultivar Rasthali (Silk-AAB) through bunch spray of growth regulators and nutrients. *Journal of Environmental Biology*, 45(6): 756-762 http://doi.org/10.22438/jeb/45/6/MRN-5342	**6.70 (Scopus) IF: 0.73**
4.	Chithra, M., **Krishna, K. R**.*, Rakesh, S., Kumar, A. R., & Manoprabha, M. (17 August 2024). Exploring breadfruit peel waste as a potential source for bio-ethanol production. Biomass Conversion and Biorefinery, 1-9.https://doi.org/10.1007/s13399-024-06043-w	**9.6 (Scopus) IF: 3.6**
5.	Killi Prasad, Ram Asrey, Shruti Sethi, Manish Srivastav, Dinesh Singh, Ajay Arora, Alka Joshi, VijayRakesh Reddy, NirmalKumar Meena, Ana mika Thakur & **Karri Rama Krishna**. (13 July 2024). Preservation potential of essential oils on the postharvest quality and shelf-life attributes	**8.7 (Scopus) IF:2.7**

of mango fruit. *South African Journal of Botany*, 172, 8-18. https://doi.org/10.1016/j.sajb.2024.07.016

6. Allwin, V., & **Rama Krishna, K.*** (10 June 2024). Endogenous plant metabolites influence on shelf-life extension of tuberose flowers. *Journal of Horticultural Sciences*, 19(1). https://doi.org/10.24154/jhs.v19i1.1851 — **6.2 (Scopus)**
7. Anbu Sezhian Ambethgar, Alagarswamy Rameshkumar, **Karri Rama Krishna** & Srivignesh Sundaresan. (22 Jan 2024). Biological Control of Pests in Major Tropical Vegetable Crops: A Review. Agricultural Reviews, **doi**10.18805/ag.R-2635 — **4.84 (UGC)**
8. Gokiladevi R, P. Ellampirai M, Ramesh Kumar A, Srivignesh S & **K. Rama Krishna*** (17 Nov 2023): Natural colour extraction from horticultural crops, advancements, and applications—a review, Natural Product Research, 39(1), 163–181. https://doi.org/10.1080/14786419.2023.2280796 — **8.48 (Scopus) IF:2.48**
9. Priyadarsini, L., Subbiah, A., Srivignesh, S., **Krishna, K. R**., Rajaram, K., Kathiresan, S., & Kumar, A. R. (2023). Comparative analysis of growth and yield parameters of grape var. 'Muscat Hamburg grafted on 'Dog Ridge' rootstock and self-rooted cuttings. *Plant Archives*, 23(1), 384-388. https://doi.org/10.51470/PLANTARCHIVES.2023.v23.no1.063 — **5.59 (Peer reviewed)**
10. Divyabharathi, G., **Krishna, K. R**.*, Chithra, M. 2023. Elite plant metabolites extend the shelf life and quality of banana at room temperature. *Journal of Postharvest Technology*, 11 (2): 45-55. — **4.25 (UGC)**
11. D. Bawya, S. Srivignesh, **K. Rama Krishna**, and A. Ramesh Kumar (2022). Effect of Foliar Spray of Seaweed Extract and Humic Acid on Growth and Yield of Cluster Beans [*Cyamopsis tetragonoloba* (L.) Taub.] var. Pusa Navbahar, *Legume Research*, 45(11). DOI: 10.18805/LR-4998 — **6.8 (Scopus)**
12. Ragulraj, H., Srivignesh, S., **Rama Krishna, K**., and Ramesh Kumar, A. (2022). Bio-stimulants Influence on Growth and Yield of Aggregatum Onion, *Ecology, Environment and Conservation*, 28 (4): 2062-2067. — **5.41 (Scopus)**
13. Chithra, M., Venkatesan, S., & **Krishna, R. K**.* (2022). Influence of plant-based edible coatings on shelf-life of banana cv.'Ney Poovan'. *Progressive Horticulture*, 54(1), 50-56. DOI: 10.5958/2249-5258.2022.00005.7 — **4.9 (Peer reviewed)**
14. Mani Arghya, **Krishna Rama K**., Mirza Anis (2023). Post Harvest Applications of Cold Plasma Technology: A Review. Agricultural Reviews. 44(2): 131-144. doi: 10.18805/ag.R-2221. — **4.63 (UGC)**
15. **Rama Krishna, K**.*, Sharma, R. R., & Srivastav, M. (2020). Physiological and biochemical attributes associated with jelly-seed disorder in mango (*Mangifera indica* L.). *Acta Physiologiae Plantarum*, 42 (90), 1-12. https://doi.org/10.1007/s11738-020-03079-z — **8.74 (Scopus) IF:2.73**
16. **Ramakrishna, K.*,** Sharma, R.R., Kar, A. and Srivastav, M. 2019. Non-destructive detection of jelly seed disorder in 'Amrapali' and 'Pusa Surya' varieties of mango (*Mangifera indica* L.). *Indian Journal of Agricultural Sciences.* 89(1): 94-8. https://doi.org/10.56093/ijas.v89i1.86174 — **6.4 (Scopus)**
17. **Rama Krishna, K.*** and Sudhakar Rao, D.V. 2017. Influence of chitosan coating and storage temperatures on postharvest quality of guava. *Indian* — **6.23 (Scopus)**

Journal of Horticulture, 74(3): 81-85. DOI: 10.5958/0974-0112.2017.00091.3

18. **Rama Krishna, K.*** and Sudhakar Rao, D.V. 2017. Chitosan coating in combination with low temperature for extending storage life of guava (*Psidium guajava* L.). *Ecology Environment and Conservation*, 23**(**1): 1-6. **5.41 (Scopus)**
19. **Rama Krishna, K.*** and Sudhakar Rao, D.V. 2017. Postharvest quality attributes of guava as affected by chitosan coating at critical low temperature. *Research Journal of Agricultural Sciences*, 8(2): 426-430. **4.54 (Peer reviewed)**
20. **Rama Krishna, K.*** and Sudhakar Rao, D.V. 2014. Effect of chitosan coating on the physiochemical characteristics of guava (*Psidium guajava* L.) fruits during storage at room temperature. *Indian Journal of Science and Technology*, **7**(5): 554-558. DOI: 10.17485/ijst/2014/v7i5.4 **UGC/ WoS indexed**
21. Rahul Kumar, Yadav, R.K., **Rama Krishna, K**., Singh, M.K. and Meena, J.K. 2017. Analysis of nutritional quality among bhendi yellow vein mosaic virus resistance okra germplasm. *Annals of Agriculture Research*, 38(1): 113-118. **4.62 (UGC)**
22. Dhami, K.S., Sagar, V.R., Sharma, R.R., Singh, S.K. and **Rama Krishna, K.** 2018. Effect of generally regarded as safe (GRAS) chemical treatments on the quality of litchi (*Litchi chinensis* Sonn.) during storage. *Indian Journal of Horticulture*, 75(3): 523-527. DOI: https://doi.org/10.5958/0974-0112.2018.00088.9 **6.23 (Scopus)**
23. Rahul Kumar, Singh, S., **Rama Krishna, K**., Archana, A. and Nitish, R.P. 2017. Organic farming of vegetables: prospects and scenario. *Global Journal of Bio-Science and Bio-Technology*, 6(2): 390-394. **4.13 (Peer reviewed)**
24. Nayan Deepak, G., Chandu Singh, Jeevan, U., Priyanka, H.L. and **Rama Krishna, K**. 2019. Early identification of graft compatibility through histological studies in mango. *Indian Journal of Horticulture*, 76(1): 176-179. https://doi.org/10.5958/0974-0112.2019.00025.2 **6.10 (Scopus)**
25. Manoj Kumar, N., Priyadarshani, P.M. and **Rama Krishna, K**. 2016. Factors Affecting the Storage Life of Vegetables: A review. *Advances in Life Sciences*, 5(4): 1161-67 **3.15 (Peer reviewed)**
26. Vijay Rakesh Reddy, S., Gajanan, G. and **Rama Krishna, K**. 2017. Ethylene management for reduction of postharvest losses in fruits. National Seminar on Zero Hunger Challenges for Hunger Free India, pp. 187-191. **-**

Books Edited/Published

1. Meena Kumari, Manuj Awasthi, Mohd Ali……**K. Rama Krishna**, et al. (2024). Futuristic Trends in Agriculture Engineering & Food Sciences, 3 (19), Iterative International Publishers, Karnataka. e-ISBN: 978-93-5747-368-2.

Book Chapters

1. Nashath Kalangadan, Manali Manik Patil, Addagada Rama Krishna, **Karri Rama Krishna** and Kaushik Rajaram. (2024). Biopreservation of Fruits and Vegetables Using Postbiotics. *In*: Postbiotics: Health and Industry (pp. 625-656). Academic Press, Elsevier, London, UK. ISBN: 978-0-443-22188-0. DOI:10.1016/B978-0-443-22188-0.00036-X. (Oct, 9, 2024)

2. **K. Rama Krishna**, Jyoti Nishad and Smruthi Jayarajan. (2024). Postharvest Management of Sapota for Longer Quality Retention, *In*: Pushpendra Kumar, Helen Soibam & B. N. Hazarika. 2024. Novel Technologies for Shelf-Life Enhancement of Perishable Crops. Department of Post Harvest Management, College of Horticulture & Forestry, Central Agricultural University (I) Pasighat-791102, Arunachal Pradesh (India). Pp: 114-123. ISBN: 978-93-340-5021-9. April, 2024.
3. Archana V. Mahida and **K. Rama Krishna**. (2024). Intelligent Packaging for Perishable Fruits, *In*: Pushpendra Kumar, Helen Soibam & B. N. Hazarika. 2024. Novel Technologies for Shelf-Life Enhancement of Perishable Crops. Department of Post Harvest Management, College of Horticulture & Forestry, Central Agricultural University (I) Pasighat-791102, Arunachal Pradesh (India). Pp: 18-23. ISBN: 978-93-340-5021-9.
4. Archana V. M., **Rama Krishna, K**., and Krishnamoorthi, A. (2024). Value addition of berries and cherries. *In: Futuristic Trends in Agriculture Engineering & Food Sciences*, 3 (19, 4, 3), pp: 104-116. IIP Series. e-ISBN: 978-93-5747-368-2.
5. Ambethgar Anbu Sezhian, Alagarsamy Ramesh Kumar, **Karri Rama Krishna** and Sundaresan Srivignesh. (2024). Applications of Nanotechnology In Pest Management of Horticultural Crops, *In: Futuristic Trends in Chemical, Material Sciences & Nano Technology*, 3(4, 1): 33-52. IIP Series. e-ISBN: 978-93-5747-550-1.
6. Palanisamy Karthiga, Rajaram Kaushik, **Karri Rama Krishna**, and Sundaresan Srivignesh. (2024). Nanoparticles Uptake, Utilization and Phytotoxicity in Plants, *In: Futuristic Trends in Chemical, Material Sciences & Nano Technology*, 3(4, 1): 8-20. IIP Series. e-ISBN: 978-93-5747-550-1.
7. Archana Mahida V, **Rama Krishna K**, Pravin Manjare B, and Chithra M. 2023. Crop Modelling in Fruit Crops. *In*: *Modern Approaches in Horticulture* (1), 166-174, Elite Publishing House, New Delhi. ISBN : 978-93-58990-07-2.
8. **Krishna, K. R**., Ellampirai, M. P., & Archana, T. J. (2023). Package and Storage of Temperate Nuts. In *Temperate Nuts* (pp. 295-304). ISBN:978-981-19-9497-5. Springer Nature Singapore. DOI: 10.1007/978-981-19-9497-5_13
9. K. Gnanasundari, S. Srivignesh, A. Harish, Manish Kumar, **K. Rama Krishna** and A. Ramesh Kumar. 2023. Integrated Weed Management in Tomato, *In*: *PLANTA, Research Book Series*, 6: 1090 – 1096. ISBN: 978-81-953419-1-7. Association of Plant Science Researcher, Uttarakhand.
10. K. Gnanasundari, **K. Rama Krishna,** S. Srivignesh, Manish Kumar, A. Harish And A. Ramesh Kumar. 2023. Processing and value addition in onion, In: *PLANTA, Research Book Series*, 6: 1097– 1103. ISBN: 978-81-953419-1-7. Association of Plant Science Researcher, Uttarakhand.
11. Nishad, J., Jayarajan, S., & **Krishna, K. R**. (2022). Chemical Treatment of Foods: Science, Shelf Life, and Quality. In *Shelf Life and Food Safety* (pp. 197-226). Taylor & Francis, CRC Press.
12. S. Priyadarsini, L., Ramesh Kumar, **A., Rama Krishna**, K., Senthilkumar, S. and S. Manivannan, (2021). Irradiation practices over fresh and fresh cut fruits and vegetables, In: Interdisciplinary approaches in agriculture and forestry, Taran Publisher, Uttam Nagar West, New Delhi, pp: 23-28. ISBN: 978-93-92313-22-6.
13. **K. Rama Krishna** and G.Gajanan (2021). Waste Utilization and Disposal, In: *Postharvest Technology of Horticultural Crops*, Jaya Publishing House, pp.225-249

14. **Krishna, K. R**., Smruthi, J., & Manivannan, S. (2021). Packaging and Storage of Stone Fruits. In *Production Technology of Stone Fruits*, Springer Singapore, pp.273-305.
15. **Rama Krishna, K** and Sachin, T. 2018. Hurdel Technology. In: *Hi-Tech Horticulture, Vol. 6: Value addition and post-harvest Management.* New India Publishing Agency, New Delhi-34. pp. 63-72.
16. Sachin Tyagi, **K. Rama Krishna,** Jyoti Kumari, Preeti Kumari and Ankit Singh. 2018. Roof Gardening. In: *Hi-Tech Horticulture, Vol. 2: Organic Farming and Sustainable Development Techniques.* New India Publishing Agency, New Delhi-34. pp. 157-166.
17. **Rama Krishna, K**. Gajanan, G. and Kumar, P. 2018. Food Secuity, Safety and Quality Laws in India. In: *Recent Trends & Advances in Food Science & Post Harvest Technology*. Satish Serial Publishing House, Delhi. pp. 289-301.

Magazines

1. Manisha V J, **Rama Krishna K**, Divyabharathi M C and Iniya Bharathi R (2022). Advanced techniques in packaging of horticultural seeds, Krishi Science, 3(10): 41-45.
2. M. C. Divyabharathi., **K. Rama Krishna**., V. J. Manisha and R. Iniyabharathi (2022). Role of robotics in horticulture, Krishi Udyan Darpan, 2(2): 41-43.
3. Neeraj Singh and **K. Rama Krishna** (2021). Polyamines-elite green compounds and their application in horticultural crops, Krishi Science, 2(12): 29-33.
4. Manish Kumar, **K**. **Rama Krishna**, A. Ramesh Kumar and S. Srivignesh (2021). Teasel gourd (*Momordica dioica*)- a minor vegetable with high value, Agri Journal World, 1(4): 26-29.
5. Priyadarsini, L., **Rama Krishna, K**. And Ramesh Kumar, A. (2021). Drones-New Friend of Farmer, Everyman's Science, 56 (2), 30-34.
6. **Rama Krishna, K**. and Sharma, R.R. 2017. X-ray imaging for detection of jelly seed disorder in mango. ICAR News letter, 23(1): 4-6.
7. Sharma, R.R., Sharma, S., Reddy, V.R., **Rama Krishna, K**. and Prasad, K. 2016. Enjoying value-added products of apple pomace. *Indian Horticulture*, 61(4): 17-19.
8. Archana, T. J. and **Rama Krishna, K**. 2018. Electrolyzed water: A green concept for sanitation of fruits and vegetables. *Everyman's Science*, 53(3): 155-159.
9. R.R. Sharma and **K. Rama Krishna.** Non-Destructive Evaluation of Jelly Seed Disorder using X-ray Imaging. Biotech Articles. 2017
10. **K. Rama Krishna.** Application of Biotechnology in Postharvest Quality of Horticultural Crops. Biomolecule Reports. 2017.
11. **K**. **Rama Krishna**. Innovative Process to Extract Essential Oils using Microwave Heating. Biomolecule Reports. 2017.

Seminars/Conferences/Trainings/FDP/Orientation/Refresher courses attended and paper presented

S.no	Details of the event attended	Duration
	Seminars/Webinars	
1	Organic Farming: Need of the Hour organised by K.K.Wagh College of Agriculture, Nasik. (Online)	1 day (06/08/2020)

2	Live Webinar Export Challenges and Mitigation Strategies in Fresh and Processed F&V in COVID-19 times Organized by Department of Agriculture and Environmental Sciences, NIFTEM.(MOFPI).	1 day (08/08/2020)
3	IPR:Patent Preparation and Prosecuation organised by IQAC Library, J. Watumulla Sadhubella Girls College, Thane, MH.	1 day (14/08/2020)
4	Post Covid-19 Enterprenerual Opportunities in Supply Chain of Fresh Fruits and vegetables organised by BESST HORT TBI of ICAR-IIHR, Bangalore.	1 day (21/08/2020)
5	New Dimensional Approaches in Food Processing organised by UNIVERSITY OF HORTICULTURAL SCIENCES, BAGALKOT, College of Horticultural Engineering and Food Technology & Horticultural Research and Extension Centre, Devihosur, Karnataka, INDIA.	3 days (14-16/10/2020)

Papers presented

1.	Maniselvam, A., **Rama Krishna, K**., Srivignesh, S and A. Ramesh Kumar. Quality Improvement in Off-season Mango (*Mangifera indica* L.) cv. Rumani. 2nd National Conference on Technology Intervention for Prospects of Agriculture In India, 17th February 2024. Organized by Department of Agricultural Economics, JSACAT, Cuddalore, Tamil Nadu.	17/02/2024
2.	Archana V. Mahida and **K. Rama Krishna**. 2024. Characterization of Properties of the Health Fortitified Breadfruit and karonda Blended Powder, presented at Progressive Horticulture Conclave 2024 Horticulture Technology for Self-Reliant India, Navsari, Gujarat. Pg.: 151.	18-20 January 2024.
3.	**Dr. K. Rama Krishna** has orally presented a paper entitled 'Minimally Processing of Breadfruit using Chemical Elicitors' during International Seminar on Exotic and Underutilized Horticultural Crops held during 17-19 October, 2023 at ICAR-IIHR, Bengaluru.	17-19 October 2023
4.	Archana V. Mahida, **Rama Krishna. K**., Pravin B. Manjare and Chithra M. 2023. Processing and Value Addition of Dragon Fruit, presented at 4th International Conference on Innovations to Transform Agriculture, Horticulture and Allied Sectors (ITAHAS-2023), MRU, Hyderabad, Telangana, pg.: 326.	21st-23rd June, 2023
5.	M. Deena Dayalan, S.Srivignesh, S. Manivannan, **K. Rama Krishna**, Kaushik Rajaram, S. Kathiresan and A. Ramesh Kumar*. 2023. Studies on flowering and fruiting behaviour of Water apple. 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: 113. ISBN: 978-81-960905-5-5.	2 days (09-10, March, 2023)
6.	Priyadarsini, L., Subbiah, A., Ramesh Kumar, A., Srivignesh, S., **Rama Krishna, K**., Kaushik Rajaram, S. Kathiresan and A. Ramesh Kumar*. 2022. Studies on yield and quality analysis of grape var. muscat hamburg grafted on dog ridge rootstock and own rooted. 5 th Plant Science Research Meet, 2022 (PSRM) - National Conference on Agriculture, Applied and Life Sciences: Current Research, organized by Association of Plant	2 days (8-19, November, 2022)

Science Researchers and Indian Academy of Rural Development and held at Uttarakhand Open University, Nainital, India. Pp:146-147.

7. **Rama Krishna, K.** X-ray imaging as a non-destructive detection technique for jelly seed disorder in mango (Mangifera indica L.) fruit. 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. — 4 days (November 18-21, 2021)
8. Allwin, V., **Rama Krishna, K.,** Srivignesh, S., Ramesh Kumar, A. and M. Malakar. Effect of polyamines on shelf life of tuberose loose flowers. Session-X: Post-harvest Management and Value Addition. 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. — 4 days (November 18-21, 2021)

Workshops/Trainings

1	International Online Workshop on "Application of Statistics in Science and Technology using SPSS" organised by World Food Preservation Center, USA	3 days (08-10/08/2020)
2	Science Leadership Workshop organised by Science Academies, Central University of Punjab, Bathinda, India.	1 week (22-28/06/2020)
3	Advances in Smart Food Processing Technologies organised by CAAST-CSAWM, NAHEP-ICAR.	2 weeks (04-15/06/2020)
4	Process Optimization Techniques and Texture Profile Analysis organized by College of FoodTechnology, Sardarkrushinagar Dantiwada Agricultural University, Sardarkrushinagar, Dist-Banaskantha, Gujarat, India	1 day (05/08/2020)

FDP/Orientation/Refresher courses

1	Participated in the ICAR-sponsored Winter School at ICAR-IARI to undergo training on Recent Advances in Food Processing Technologies for Agri-Horti Produce.	16/01/2025 to 05/02/2025 (21 days)
2	Refresher course on Indian Knowledge System, UGC-HRDC, BHU, Varanasi.	09-22/09/2023 (14 days)
3	One Week FDP on MOOCs, E-Content Development and OER,Govt. First Grade College- Hungund, Karnataka.	1 week (28/05, 03/06/2020
4	MANAGING ONLINE CLASSES AND CO-CREATING MOOCS 3.0, organised by MHRD/PMMMNM Ramanujan College, DU, New Delhi,	2 weeks (25/07, 10/08/2020)
5	Orientation Programme for Faculty in Universities/Colleges/Institutes of Higher Education, organised by MHRD-PMMMNM, TLC, Ramanujan College, DU, India.	4 weeks (04/06, 01/07/2020)

Student Related Activities

1. Organized an invited lecture for the students of horticulture by inviting Dr. Vijay Rakesh Reddy S, Scientist, Division of Postharvest Technology and Agricultural Engineering, ICAR-IIHR, Hessaraghatta, Bangalore, to deliver a talk on the topic "Ethylene Signaling: Foe or Friend for Horticultural Produce" dated 22/11/2024.

2. Organised several lectures by inviting eminent scientists and faculty for UGC/ICAR-ASRB NET coaching in the academic year 2024-25.

Life Membership in Scientific Research Societies

- **The Horticultural Society of India (Indian Journal of Horticulture),** National Agriculture Science Centre Complex, Pusa campus, New Delhi-12.
- **Indian Society of Horticulture Research & Development (Progressive Horticulture),** Horticulture Research and Extension Centre, Chaubattia-263651, Uttarakhand.
- **Society for Agriculture and Arid Ecology Research,** Division of Crop Improvement, ICAR-Central Institute for Arid Horticulture, Bikaner-334006, Rajasthan.
- **The Indian Science Congress Association (ISC),** Berish Guda Street, Kolkatta-700017.

Research experience

Ph. D work:
Thesis Title: Studies on jelly seed disorder in mango and its detection with X-ray imagining.

M.Sc work:
Thesis Title: Effect of chitosan coating on the quality and shelf life of guava (*Psidium guajava* L.) cv. Allahabad Safeda during storage at different temperature.

DECLARATION

I hereby declare that the above-mentioned information is correct to the best of my knowledge.

Place: Thiruvarur.
Date: 29.11.2023

(K. RAMA KRISHNA)