

## CURRICULUM VITAE



Name : Dr. KURUBA AJAY KUMAR  
Designation : Asst. Professor  
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### **Academic records :**

Degree	Specialization	Institution	Year of pass	OGPA or %
SSC/HSL C	Telugu, English, Hindi, Science	Z. P. H. School, Ganagavaram.	2011	81.66/100
10+2	Diploma in Horticulture	Dr. Y.S.R. Horticultural University, West Godavari.	2013	87.5/100
B.Sc.	Horticulture	Dr. Y.S.R. Horticultural University, West Godavari.	2017	8.02/10
M.Sc.	Fruit Science in Horticulture	University of Horticultural Sciences, Bagalkot.	2019	8.69/10
Ph.D	Fruit Science in Horticulture	SAS, Nagaland University, Nagaland.	2023	8.4/10

### **M.Sc. thesis:**

#### **Research title**

Diversity studies of Jamun (*Syzygium cumini* Skeels.) genotypes

#### **Supervisor**

Dr. A. Rekha (Ex-Principal scientist, ICAR-IIHR)

### **Ph.D thesis:**

#### **Research title**

Effect of Different Technological Intervention on Yield and Quality of Litchi Grown in Nagaland

#### **Supervisor**

Prof. C. S. Maiti (Dept. of Horti, SAS, NU, Nagaland)

### **Projects undertaken**

- Project on greenhouse cultivation of Capsicum with different nitrogen doses under the guidance of Dr. Syed Sadarunissa (Asst. Professor, Dr. Y.S.R.H.U., West Godavari) for a duration of six months during Under Graduation (2017).
- Project on improving the bearing potential of Litchi through girdling of branches under the guidance of Dr. C.S. Maiti (Principal Investigator, AICRP Medziphema centre, Nagaland) during Ph.D. programme (2020 to 2022).

- Project on evaluation of bagging of Litchi bunches for quality fruits under the guidance of Dr. C.S. Maiti (Principal Investigator, AICRP Medziphema centre, Nagaland) during Ph.D. programme (2020 to 2022).
- Project on evaluation of litchi seedlings to creating variability under the guidance of Dr. C.S. Maiti (Principal Investigator, AICRP Medziphema centre, Nagaland) during Ph.D. programme (2020 to 2022).
- Project on Management of mango stem borer (*Batocera rufomaculata*) using 'Arka Borer Control' (ABC) under the guidance of Dr. C.S. Maiti (Principal Investigator, AICRP Medziphema centre, Nagaland) during Ph.D. programme (2020 to 2022).

### Academic excellence

- Qualified HORTICET exam with 11<sup>th</sup> rank in state level -2013
- Qualified ICAR-JRF exam with 65<sup>th</sup> rank-2017
- Qualified ICAR-SRF exam with 30<sup>th</sup> rank-2019
- Qualified ICAR National Eligibility Test (NET) with 69.78% -2019

### Awards and Fellowships

- Fellowship from Ministry of Human Resource Development (**MHRD**), New Delhi, entitled **Junior Research Fellowship** to pursue Post Graduation (2017).
- Senior Research Fellowship in ICAR-SRF examination with All India 30<sup>th</sup> rank (2019).
- UGC Non-Net fellowship from SAS, Nagaland University in 2020.
- Best Poster Paper Award in Indian Horticulture Congress @ Uttar Pradesh in 2021.

### Publication

- Ajay Kumar, K.**, Rekha, A., Venugupal, R., Shivashankara, K. S., Mohan kumar, S., Honnabyraiah, M. K. and Jyothi, N. 2020. Grouping of jamun genotypes based on fruit quality parameters. *Indian Journal of Horticulture*. **77**(3):412-417.
- Shulee Ariina, M. M., Kanaujia, S. P., **Kuruba Ajay Kumar**, Saya, D. and Roveni, D. 2020. Genetic Diversity analysis by D<sup>2</sup> clustering of yield and yield attributing traits in Indian bean (*Lablab purpureus* (L.) Sweet.). *Journal of Pharmacognosy and Phytochemistry*. **10**(1):490-493.
- Ajay Kumar, K.**, Mounika, K., Shulee Ariina, M. M. and Maiti, C. S. 2021. Study of Jamun (*Syzygium cumini* Skeels.) Genotypes Based on Shelf-life and Interspecific Crossability. *International Journal of Plant & Soil Science*. **33**(24):606-609.
- Maiti, C. S., Jamir, S., Purkumzuk, Ao., Yephthomi, G. I., **Ajay Kumar, K.**, Lanusenla, B. and Khyothung. 2022. Citrus Genetic Resources of Nagaland. SASRD, NU, Medziphema.
- T. Longkumer, **Kuruba Ajay Kumar**, Kosgi Mounika and C. S. Maiti. 2022. Response of tissue culture banana cv. grand Naine to different levels of potassium and methods of irrigation. *The pharma Innovation journal*. 11(5):1033-1037.
- C. R. Marak, **Kuruba Ajay Kumar**, Kosgi Mounika, and C. S. Maiti. 2022. Effect of city-compost on plant growth, fruit yield and quality of strawberry cv. Festival in Nagaland. *International Journal of Plant & Soil Science*. **34**(19):70-74.
- Elgiva Wanshngong, Kosgi Mounika, **Kuruba Ajay Kumar** and C.S. Maiti. 2022. Effect of different levels of potassium on growth and flowering of Papaya var. Red Lady. *The pharma Innovation journal*. 11(5): 1314-1317.
- K. H. Sharath Kumar, **K. Ajay Kumar**, M. D. Sandeep and Y. B. Shiva Kumar. 2022. Effect of foliar spray of potassium and micronutrients on nutrient content (Petiole analysis) and uptake in petiole of papaya (*Carica papaya* L.) cv. red lady. *The Pharma Innovation Journal*. 11(7):1803-1807.

News paper article on Effect of bagging technology intervention on yield and quality of litchi grown in Nagaland. **Kuruba Ajay kumar**, Kosgi Mounika, Konjengbam Ramit Singh and C. S. Maiti. The Morung Express. 05.08.2022.

### **Book chapters**

Advances in production technology of underutilized temperate fruits. 2023. Anu Seng Chaupoo, Kuruba Ajay Kumar, Alemla Imchen and Anish Sunwar. A text book on Advances in production technology of temperate fruits. PMW publisher, ISBN: 978-81-96458-81-2.

Genetic Breeding in Aonla. 2023. Alemla Imchen, Kosgi Mounika and Kuruba Ajay Kumar. A text book on Research management in horticultural crops. Scripown publications.

### **Trainings conducted**

- Assisted as a committee member in conducting AICRP-Fruits sponsored two days, Intensive **Training** Focuses on Litchi Cultivation in Nagaland, SASRD, Medziphema centre, Nagaland University.
- Assisted as a committee member in conducting AICRP-Fruits sponsored two days, **Demonstration** on Scientific Farming of Litchi Trees and management of Pest and Diseases in Litchi and Girdling, SASRD, Medziphema centre, Nagaland University.
- **Training** on Production Technology of Litchi & **Distribution** of Farm inputs under AICRP on Fruits (TSP Programme), SASRD, Medziphema Centre, NU: 30.10.2021.
- Demonstration on cultivation of fruit-based intercropping for enhancing income and distribution of inputs under AICRP on Fruits (TSP), Renthan village, Wokha District, Nagaland: 30.03.2022.

### **Training undertaken**

- 10 days training on “Recent Advances in Mutation Breeding for Crop Improvement” sponsored by Board of Research on Nuclear Sciences (BRNS), Department of Atomic Energy (DAE) government of India and jointly organized by BARC-Mumbai and BCKV- Mohanpur from 20<sup>th</sup> -30<sup>th</sup> January, 2020.
- Hands-on Training on techniques in Applied Biology (Under DST Sponsored Synergistic training Program Utilizing the Scientific and Technological Infrastructure) during April 21-27, 2022 at Lumami, Nagaland University, Nagaland.

### **Seminars and Conference**

- International seminar has conducted by International Organic Forum, Nagaland Organic Konnect (NOK) and IFOAM Asia as with effect from 29<sup>th</sup> Nov-2019 at Dimapur, Nagaland.
- Presented oral paper on Response of Tissue Culture Banana cv. Grand Naine to Different Levels of Potassium and Methods of Irrigation in International conference on Changing Perspective in Agricultural and Horticultural research for Sustainable Development at Annamalai University, Tamil Nadu, India, held on 09.10.2021.

### **Seminar given**

- An invitation received to share experience in Production Technology of Litchi (Special Management Practices for Higher Yield & Quality Fruit of Litchi) from PI of AICRP on fruits, SASRD, Medziphema Centre, NU: 27.10.2021.

## **Workshop**

- Assisted as a rapporteur in **Workshop** on ‘‘PGRs of Nagaland: Dynamic Conservation and Enhancing Rural Income’’, 4<sup>th</sup>-5<sup>th</sup> March 2022.

## **Report preparation**

- Assisted in preparation of annual reports on Litchi projects under AICRP-Fruits, 2020, 2021 and 2022.

## **Community development activities**

- Volunteered for National Service Scheme for two consecutive years under Youth for Rural Reconstruction Campaign (2011-13).
- Interaction with farmers at field level and stay in their village for a period of 6 months in 2016 in Rekulakunta village, Ananthapuram district.
- Horticulture field level attachment programme with Regional Horticultural Research Station on Dry land fruit crops, Rekulakunta, Ananthapuram district for a period of six months as a part of Rural Awareness work Experience Programme (RAWEP) with a grading of 10/10 OGPA in 2016.

## **Professional development activities**

- Experience learning programme on Protected cultivation of vegetable crops at Dr. Y.S.R.H.U., West Godavari, for a period of six months with a grading of 9.4/10 OGPA.
- Collection of wild jamun genotypes from different parts of the Andhra Pradesh and Karnataka, to assess elite genotype during Post Graduation at Bengaluru (2017-19).
- Organic Pineapple producing farmer’s field visit for a period of two days at Molvom, Dimapur, Nagaland.

## **Experience**

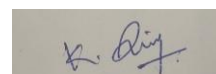
- Two years’ experience as M. Sc. Researcher under ICAR- Indian Institute of Horticultural Research, Bengaluru, Karnataka (2017-2019).
- Two years’ experience as Research Assistant under AICRP-Fruits, in Dept. of Horticulture, Medziphema centre, Nagaland (18.02.2020 to 11.12.2022).
- Eleven months teaching experience under SKY College of Agricultural Sciences, Etcherla- 532401, Srikakulam, Andhra Pradesh, India.
- Experience in data collection, laboratory analysis and statistical data analysis.

## **DECLARATION:**

I, **K. Ajay Kumar**, do hereby confirm that the information given above is true to the best of my knowledge.

**Date:** 12.11.2023

**Place:** Medziphema



**(K. AJAY KUMAR)**