


CURRICULUM VITAE

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PERSONAL INFORMATION

Date of Birth	: June 11, 1989
National	: Indian
Gender	: Female
Father Name	: Dr. Chintha Sadanandam
Permanent Address	: D/o Dr. Chintha Sadanandam Rama nagar, Musunuru Kavali, Nellore District Andhra Pradesh-524201
Address for correspondence	: Scientist, Department of Crop Utilization ICAR-CTCRI Sreekariyam, Thiruvananthapuram-695017 Kerala, India.
Languages	: Telugu, English

EDUCATION PROFILE

Degree	Year of passing	University/Institution	Percentage/ OGPA
Bachelor (Horticulture)	2011	Dr. Y.S.R Horticulture University, Andhra Pradesh, India	8.13/10
Masters [Horticulture (Vegetable Science)]	2013	University of Horticultural Sciences, Dharwad, Karnataka, India	8.92/10
Ph.D. (Plant Sciences)	2020	North Dakota State University, Fargo, USA.	3.45/5

WORK EXPERIENCE

From January 01, 2015- till date

Scientist (Horticulture), ICAR-Central Tuber Crops Research Institute Sreekariyam, Thiruvananthapuram-695017 Kerala, India.

PROFESSIONAL RECOGNITION/ AWARD/ PRIZE/ CERTIFICATE, FELLOWSHIP RECEIVED

Name of Award	Awarding Agency	Year
Best oral presentation award	IJTA	2017
Netaji Subhas-ICAR international Fellowship	Indian Council of Agricultural Research, India	2016
Best poster award	NDSU Annual Food for Health Conference Plant Science Department, NDSU, USA.	2019

PUBLICATION LIST

1. **M.Sc Thesis:** Pradeepika, C, *Heterosis and combining ability studies in pumpkin (Cucurbita moschata Duch. ex. Poir.)*, KRC College of Horticulture College of Arabhavi, University of Horticultural Sciences, Bagalkot, Karnataka, India.
2. **Ph.D. Thesis:** Chintha, P., 2020. Functional Bioactive Compounds from Sweet Potatoes for Human Health Benefits (Doctoral dissertation, North Dakota State University, USA).

RESEARCH PAPERS PUBLISHED

1. **Chintha Pradeepika**, R Selvakumar, T Krishnakumar, SU Nabi, MS. 2018. Pharmacology and phytochemistry of underexploited tuber crops: a review. Journal of Pharmacogn Phytochem. 7(5). 1007-1019.
2. **Chintha Pradeepika**, R Selvakumar, Sajad Un Nabi, MS Sajeew, Namrata A Giri. 2018. Ethnopharmacology and toxicology of threatened tuberous plant genus *Ceropegia sp.* L.: A review. The Pharma Innovative Journal. 7(9): 192-196.
3. **C Pradeepika**, VD Gasti, TV Kumari, SC Evoor, V Rathod, PS Rai. 2017. Per se performance of pumpkin genotypes (*Cucurbita moschata* Duch. ex. Poir.). Environment and Ecology. 35(1):51-54.
4. **C Pradeepika**, VD Gasti, TV Kumari, SC Evoor, V Rathod, RP Shabarish. 2017. Heterosis and combining ability analysis for productivity traits in pumpkin (*Cucurbita moschata* Duch. ex. Poir.). Environment and Ecology. 35(!):45-50.
5. T Krishnakumar, MS Sajeew, S Raju, NA Giri, **C Pradeepika**, V Bansode. 2020. Studies on the development of cassava based reconstituted dry starch

- sago with modified starch as binder and characterization of its physico-functional properties. *Journal of Environmental Biology*. 41(1): 29-34.
6. T Krishnakumar, MS Sajeew, Saravanan Raju, Namrata A Giri, **Chintha Pradeepika**, V Senthil Kumaran, Venkatraman Bansode. Engineering Properties of Different Commercial Grades of Sago (Sabudana). *Current Journal of Applied Science and Technology*. 1-12.
 7. Namrata A Giri, **Chintha Pradeepika**, MS Sajeew. 2019. Process optimization by response surface methodology and quality attributes of orange fleshed sweet potato (*Ipomoea batatas* L.) vacuum fried chips. *Journal of Food Measurement and Characterization*. 13(3). 2367-2376.
 8. T. Krishnakumar. M. S. Sajeew, Namrata A. Giri, **Chintha Pradeepika** and Venkatraman Bansode. 2019. Development of Mathematical Model for Cassava Starch Properties Using Response Surface Methodology. *International Journal of Current Microbiology and Applied Sciences*. 8 (8): 2631-2646.
 9. Venkatraman Bansode¹, Vijay Bahadur Singh Chauhan, Kalidas Pati, Namrata Giri, T. Krishnakumar, Kiran Bhuyar, **Pradeepika Chinta**, M. Nedunchezhiyan and M.S. Sajeew. 2019. Development and Quality Evaluation of Dahi Fortified with Beta Carotene Rich Sweet Potato Juice Variety *Bhu-Sona*. *International Journal of Current Microbiology and Applied Sciences*. 8(7):575-579.
 10. N.A. Giri, M.S. Sajeew, **C. Pradeepika**. 2016. Development and Physico-Nutritional Evaluation of Sweet Potato Flour Based Gluten Free Cookies. *Journal of Root Crops*. 42 (1): 74-81.
 11. R Selvakumar, Gograj Singh Jat, Sajad Un Nabi, Geetika Malik, K Gangadhara, **Chintha Pradeepika**. 2018. Genomic advances in root vegetable crops. *Int. J. Curr. Microbiol. App. Sci*. 7(10): 2649-2660.

POPULAR ARTICLES

1. **Pradeepika C.**, Deep Kalita, Krishnakumar, T. and Sajeew M.S. 2021. Meeting current & future challenges through nutritious & climate-resilient food systems. Food and Beverage news.com.
2. **Pradeepika C**, Selvakumar R, Krishnakumar T, Sirisha T, Suresh Kumar J, MORE S, Hanume Gowda, Sajeew M. S. 2020. Plant Based diet A way to Healthier Life. Kerala Karshakan.
3. Krishnakumar, T., Sajeew, M.S., Govidasamy, M. and **Pradeepika C**. 2020. Traditional foods of India. Scientia letters.
4. **Pradeepika C. 2017**. Vacuum frying as a promising technology for health and nutrition. ICAR-CTCRI Newsletter
5. **Pradeepika C. 2017**. Vacuum frying - a promising technology for the production of snack foods. ICAR-CTCRI Newsletter.

CONFERENCES/WORKSHOP/SEMINAR/SYMPOSIA ATTENDED

1. **Chintha Pardeepika**, Dipayan Sarkar, Kalidas Shetty. 2020. Biotransformation of sweet potato bioactives using beneficial lactic acid bacteria for human health. **American Society of Horticultural Sciences**.
2. **Chintha Pardeepika**, Dipayan Sarkar, Kalidas Shetty. Screening of sweet potato varieties for human health relevant functionalities. 2019. **5th NDSU Annual conference on food and health**. Organized by Global Institute of Food Security and International Agriculture (GIFSIA, NDSU). North Dakota State University, Fargo, USA.
3. **Chintha Pardeepika**. 2020. Participated in North Dakota State University Graduate School workshop. Fargo, USA.

4. **Pradeepika C.** 2019. Three minutes thesis competition and Graduate School Showcase. North Dakota State University, Fargo, USA.
5. **Pradeepika C.** 2019. 35th Annual Plant Sciences Graduate Student Symposium. Integrated Approaches in Agriculture. North Dakota State University, Fargo, USA.
6. **Pradeepika C.** 2017. 5th International Conference on Agriculture, Horticulture and Plant Science, Uttarakhand, India.

AFFILIATIONS TO PROFESSIONAL SOCIETIES [Life Memberships]

1. Life member of Root crops Society
2. Member of American Society of Horticultural Science
3. Member of IFT (Institute of Food Technologists)

COURSES TAUGHT (UNDERGRADUATE TEACHING (Since 2015-till date))

1. Principles of Field crops. PLSC 225. Summer and fall semesters of 2019. North Dakota State University, Fargo, USA.
2. Horticulture Science Lab. PLSC 211. Fall Semester, 2018. North Dakota State University, Fargo, USA.