

1. Personal details

Name: Dr. APPANI LAXMAN KUMAR



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Affiliation: Assistant Professor, Department of Horticulture, Malla Reddy University, Maisammaguda, Dulapally, Hyderabad, Telangana, 500100.

Present status: Assistant Professor, Malla Reddy University

Area of specialization: HORTICULTURE (Department of Fruit Science)

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2. Academic career and professional attainments

Degree	University/Institution	Year	Distinction, if any
BSc. (Hons.) Horticulture	Sri Konda Laxman Telangana State Horticultural University, Telangana	2010-14	75.1%
M.Sc. Horticulture (Fruit Science)	Dr.Y.S.R Horticultural University, Andhra Pradesh	2014-16	86.3%
Ph.D. Horticulture (Fruit Science)	Dr.Y.S.R Horticultural University, Andhra Pradesh	2017-22	87.3%

Position held	Institution	Duration
Assistant Professor	Green Lands Institute of Agriculture (GLIA), Ibrahimpatnam, Hyderabad	1 year (10.8.2016 to 2017)

Teaching Associate	Sri Konda Laxman Telangana State Horticultural University, Hyderabad - 500030, Telangana, India	6 Months (1.06.2022 to 30.11.2022)
Assistant Professor	Malla Reddy University, Maisammaguda, Dulapally, Hyderabad, Telangana 500100.	20.12.2022 to Present

3. List of Research Publications:

3a) Research and Review Papers

1.	Appani Laxman Kumar , C.Madhumathi.2017.Standardization of Protocol for Best Blending Ratio of Papaya cv. Red Lady and Guava cv. Allahabad Safeda Fruit Pulp for Preparation of Fruit Bar .International Journal of Biochemistry Research & Review.17(3): 1-10.	
2.	A. Laxman Kumar , C. Madhumathi, Syed Sadarunnisa and P. Latha. 2017. Quality Evaluation and Storage Study of Papaya Guava Fruit Bar. Journal of Pharmacognosy and Phytochemistry.6 (4): 2082-2087.	
3.	A. Laxman Kumar , C. Madhumathi, Syed Sadarunnisa and P. Latha.2017. Studies on Sensory Quality and Microbial Count of Papaya Guava Fruit Bar. International Journal of Pure and Applied Bioscience .5(4):1451-1457.	
4.	Appani Laxman Kumar , Madhumathi C.2017.Effect of Fortification on Nutritional and Sensory Quality of Papaya and Guava Fruit Bar. International Journal of Agriculture Sciences.9 (28): 4356-4362.	
5.	A. Laxman Kumar , C. Madhumathi , Syed Sadarunnisa and P. Latha.2017. Economic Analysis of Papaya Guava Fruit Bar. International Journal of Pure and Applied Bioscience.5 (5):117-120.	
6.	Appani Laxman Kumar , K. Vanajalatha, P. Prasanth, Veena Joshi, D .Saida Naik and D. Srinivasa Chary.2021.Performance of strawberry cultivars for quantitative and qualitative parameters in naturally ventilated polyhouse conditions. The PharmaInnovation Journal. 10(11): 1741-1748.	
7.	Appani Laxman Kumar , K. Vanajalatha, P. Prasanth, Veena Joshi, D. Saida Naik and D. Srinivasa Chary.2021.Performance of strawberry cultivars for growth, yield and Quality under naturally ventilated polyhouse conditions. Journal of Plant Development Sciences.3 (12):903-909.	
8.	P. Tanuja and A. Laxman Kumar .2017. Transgenic Fruit Crops - A Review . International Journal of Current Microbiology and Applied Sciences. 6(8): 2030- 2037.	
	3b) Book Chapters: I have written and contributed to book chapters in various diversified topics in Horticulture and Agriculture	
1.	A. Laxman Kumar , C. Madhumathi, Syed Sadarunnisa and P. Latha. Book Title: Innovative Approaches in Agriculture and Environmental Development Chapter: Fortified Papaya Guava Fruit Bar: A Novel Intervention to Combat Malnutrition. 2019. JPS Scientific Publications. ISBN 978-81-943168-8-6, 13-25.	

2.	Guvvali Thirupathaiah, A. Laxman Kumar and Jagati Yadagiri. Book Title: Recent Advances in Sapota Production and Post-Harvest Management, Chapter: Physiological Disorders in Sapota. 2019. New Delhi Publishers, ISBN: 978-93-86453- 35-8. 157-167.
3.	A.Laxman Kumar , P.Tanuja, P. Mamatha Reddy, K.Chaithanya. Book Title: Research Trends HorticultureSciences, Chapter: Remote sensing in fruit crops. 2019. Aknik Publications. ISBN: 978-93-5335-162-5. 61-77
4.	P. Srinivas, B. Anitha, S. Bhavani, I. Vijay and A. Laxman , Book Title : Advances In Post Harvest Management, Processing And Value Addition Of Horticultural Crops Part - Vegetable, Spices & Plantation Crops, Chapter : Post-Harvest Management, Processing and value addition of black pepper. 2018. Today and tomorrow printer and publishers. ISBN 81- 7019-618-6. 349-360.
5.	G. Chandra Mohan Reddy, Sweety, A. Laxman Kumar , Jagadeesha, M. and N. Tejaswini. Book Title: Trends and Prospects in Food Processing Technology Processing and Preservation. Chapter: Nutraceuticals in Food Industry : Future, Opporutunities and Challenges. 2019. Today and tomorrow printer and publishers. ISBN: 81-7019-617-8. 597-609.
6.	Shivaraj, Laxman Kumar , Chaitanya. Book Title: Research Management in Horticultural Crops (Volume - 1), Chapter : Nutrient Deficiencies and Physiological Disorders of Chilli. 2021. Scrip brown publications. ISBN: 978-93-90833-51-1. 65- 83.
7.	Nikhila Vaagdevi Anumala, Appani Laxman Kumar , Shirisha Tekkam and K. Chaitanya. Book Title : Advances in Agricultural and Life Sciences Volume – 8. Chapter Title: Roof Top Garden for Urban Food Security. Weser Books. ISBN: 978-3-96492-318-9.1-18.
	3C) Popular Articles: I have written and contributed to 20 popular articles in various Telugu and English magazines like Anadatha, Vysapadipantalu, Agriclinic, Vyavasam, Agrobios, Reader Shelf, Kerala Karshakan and Krishi Science.
1	P.Tanuja, A.Laxman kumar , Topic: Udhayana pantalo lo plastic culture and plastic mulching, September,2017, Vyasapadi pantalu, 20-21.
2.	A. Laxman kumar , T.Mounika. Topic: Carambolasagu, May ,2017, Vyasapadipantalu, 35-36
3.	Kotasathish, A.Laxmankumar ,K.Pavankumar,P.mamatha.Topic:Sithaphalamlopindinaliy azamanyamrugmathulaniv aranacharylu, September, 2017, Vyasapadipantalu, 43-44.
4.	Kota sathish, A. Laxman kumar , Msshahanaz, Topic: Harithagruhalo nulipurgulayazamanya padatalu ,June,2017. Vyavasam, 25-26.
5.	P.Tanuja, A.Laxmankumar ,E.Ramesh,Topic:Drakshaloshitakalamkathrumpluteskovalsna jagrathalu, October, 2017, Agriclinic,37-38
6.	Raghuveer, A.Laxman kumar , Topic: Lemon grass sagu lo melukavalu, November, 2017, Vyasapadipantalu 30-31
7.	A.Laxman kumar , Kadrlachaithanya. Topic: Miracle fruit: A sweetening agent, June, 2018, Agrobiosnews letter,71-72.
8.	Navyaswetha, A.Laxman kumar . Topic: Year round flower production in loose flowers

	,June,2018, Agrobios newsletter, 73-74.
9	A.Laxman kumar , P.Mamatha Topic: Water stress in fruit crops, May, 2018. Agrobios news letter, 24.
10	Kadrla chaithanya, A.Laxman kumar , Topic: Chekkurmanis : 21st century vegetable,May , 2018, Agrobios news letter, 33-34.
11	A.Laxman kumar , T.Mounika, P.Tanuja, K.Satish . Topic: High density planting in tropical fruit crops, October, 2017, Reader shelf, 15-16.
12	P.Tanuja, A.Laxman kumar . Topic: Polyembryony in fruit crops. March, 2018 , Reader shelf, 48-49.
13	P.Mamatha, A.Laxman kumar . Topic: Role of fruit waste water pollution heal, September, 2017.Kerala Karshakan, 8-10.
14	Kadrla chaithanya, A.Laxman kumar , Navyaswetha. Topic: Suitability of sewage and recycled water for irrigation of Ornamentals, August, 2018 Agrobios, 39-40.
15	Kadrla chaithanya, A.Laxman kumar , Jagatiyadagiri. Topic: Aeroponics: A soilless method of vegetable cultivation, August, 2018, Agrobios, 59-60.
16	Kadrla chaithanya, A.Laxman kumar , Sripathivenugopal Topic: Papaya Ring spot virus: A Threat to papaya cultivation, August ,2018, Agrobios, 93-94.
17	TekkamShirisha ,V.R .Joshi, Appani Laxman Kumar . Topic: Importance of training and pruning in cucurbitaceous crops, January, 2021, Krishi science, Volume 2 (1) :12-16.
18	SripathiVenugopal, KadarlaChaitanya and Appani Laxman Kumar , Topic: Turmeric portray technology, 01 October, 2018, Agrobios, News letter, Vol. No. Xvii, Issue No. 05, 54-56.
19	A Novel Nutritionally Enriched Value Added Product Papaya Guava Fruit Bar Topic: A.Laxman Kumar , C.Madhumathi, Syed Sadarunnisa and P.Latha November, 2019 Kerala Karshakan, 33.-37.
20	A.Laxman Kumar ,Dr.Vanaja Latha, Dr.Prasanth, Dr.Veena Joshi. Topic: Strawberry sagu, February 2022, Padipantalu, 31-32.
	3d) Published and editor of the book
1.	Edited the book Agriculture Science Research and Review Volume – IX, Bhumi publishing, First Edition: September, 2022, ISBN: 978-93-91768-64-5.
2.	Edited souvenir cum lead/abstracts proceedings book on Promoting and Reinvigorating Agri-Horti, Technological Innovations, PRAGATI-2019. ISBN: 978-81-92587-537.
3.	I have authored an objective fruit science book.
	3e) Seminars/Conference attended and published abstracts
1.	A Laxman Kumar, C.Madhumathi, Syed Sadarunnisa Standardization of Protocol for Best Blending Ratio of Papaya cv. Red Lady and Guava cv. Allahabad Safeda Fruit Pulp for Preparation of Fruit Bar. 2017 National Conference on Technological Challenges in Social,Environmental and Agriculture Reforms, September, 9-10, 2017.
2	A. Laxman Kumar, C.Madhumathi, SyedSadarunnisa, P.Latha Quality evaluation and Storage study of papaya guava fruit bar. 2019 4th International Conference on Agriculture

	& Animal Husbandry, Advances in Agriculture & Animal Sciences towards Global Food Security at University of Hyderabad, India. Aug 28-30.
3	Ch. Sai Ratna Sharavani, B. Neeraja Prabhakar , M. Chandini Patnaik and A. Laxman Kumar Solution culture -To study symptoms of plant micro nutrient deficiencies in gerbera 2019 4th International Conference on Agriculture & Animal Husbandry, Advances in Agriculture & Animal Sciences towards Global Food Security” at University of Hyderabad, India. Aug 28-30
4	A.Laxman Kumar, Integration Of Horticultural Crops In Integrated Farming System For Doubling Farmers Income, 2019 Novel Approaches for Doubling Farmer’s Income Through Sustainable Agricultural Production Systems” 7th – 8 th March, 2019 at S.V. Agricultural College, Tirupati
5.	P.Tanuja , A.Laxman Kumar Protected Cultivation : A technique to provide a favorable environment 2017. National Conference on Technological Challenges in Social, Environmental and Agriculture Reforms, September, 9-10, 2017.
6.	Appani Laxman Kumar, K. Vanajalatha , P. Prasanth, Veena Joshi, D. Saida Naik and D. Srinivasa Chary.Effect of different packaging materials on shelf life of Strawberry varieties 2022. National Seminar on Fruit production in Eastern Tropical Region of India: Challenges and Opportunities, March 24-26, 2022.
7.	Appani Laxman Kumar, K. Vanajalatha, P. Prasanth, Veena Joshi, D. Saida Naik and D. Srinivasa Chary Performance of strawberry cultivars for qualitative and quantitative traits under Naturally ventilated polyhouse. 2021 3rd International Conference (Hybrid Mode) on Food,Agriculture and Innovations 'ICFAI-2021'24-26 th December, 2021@Holiday Home, Ranchi, Jharkhand.

4. Academic Achievements

1. Qualified ASRB- (NET) 2017 and 2021 in Fruit Science.

2. Awarded “**Best poster presentation award** for “Standardization of Protocol for Best Blending Ratio of Papaya Cv. Red Lady and Guava Cv. Allahabad Safeda Fruit Pulp for preparation of Fruit Bar” at TECHSEAR-2017, IIRR, Hyderabad, on 9th-10th Sept, 2017.

3.Received “**Best poster Presentation Award**”: 4th International Conference on Agriculture & Animal Husbandry, Advances in Agriculture & Animal Sciences towards Global Food Security” at University of Hyderabad, India.

4. Awarded “**BEST Thesis Award 2019**” for research work on Studies on Blending Ratio and Protein Fortification of Papaya Guava Fruit Bar on the occasion of International Conference on Global Research Initiatives for Sustainable Agriculture and Allied Sciences (GRISAAS-2019).

4a) Online trainings and MOOCS courses

1. Participated and successfully **completed training programme** on “Horticultural Education, Research and Extension Management ” 11-20th, March, 2019 organized by SKLTSHU.

2. Completed the Moocs course on Plant Biosecurity (3 months), NIPHM, Hyderabad

3. Attended Teaching Excellence online Moocs course (1 month), NAARM, Hyderabad.

4. Completed online training on Information Handling Skills For Teaching, Learning and Research (21 days), PJTSAU under NAHEP project.
5. Participated and completed moocs on Conservation Agriculture-based Sustainable Intensification (6 weeks), IIT Kanpur and Common wealth of learning Canada.
6. Attended online course on Resource Management in Rainfed Dry lands (6 weeks), IIT Kanpur and Common wealth of learning Canada.
7. Participated online course on Detection, Diagnosis and Management of Plant Diseases (6 weeks), IIT Kanpur and Common wealth of learning Canada.
8. Completed online course on Diagnosis of Crop and Stored Grain Pests and their Management (6 weeks), IIT Kanpur and Common wealth of learning Canada.

5. Membership of different societies
1. Life Member of society for promotion of Horticulture, Bangalore
2. Annual member of central arid zone research society