



Dr. Milkuri Chiranjeeva Reddy
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Profile summary

Dr. MILKURI CHIRANJEEVA REDDY is an Assistant Professor of Silviculture in the department of Silviculture and Agroforestry. He is having more than 2 years of research and teaching experience at Forest College and Research Institute, Mulugu. He obtained his Doctorate in Forestry with specialization in Silviculture. He has got his master's degree in forestry with specialization in Plantation technology. He has obtained Junior Research Fellowship from Indian Council of Agricultural Research for the year 2010- 2012 and the recipient of Inspire Fellowship from Department of Science and Technology, Government of India for the year 2013-2018. He qualified for ICAR-NET in Forestry. He has 13 Research articles, 1 book and few popular articles to his credit. He has participated and presented his research work in various National and International Conferences. He is also a life member in Indian society of Agro forestry and Society for Advancement of Human and Nature. Climate change mitigation through forestry interventions, tropical agroforestry for sustainable development and commercial forestry are the areas of his interest.

Educational Qualification

2010- B.Sc. Forestry from HNB Garhwal University, Uttarakhand.

2012- M.Sc. Forestry (Plantation Technology) from University of Agricultural Sciences, Dharwad, Karnataka.

2018- PhD Forestry (Silviculture) from Dr. Y S Parmar University of Horticulture and Forestry, Solan, Himachal Pradesh.

Work Experience

Sr.no	Place of Work	Nature of Job	Period
1	FCRI	Assistant Professor (Silviculture)	From March 2019 till date

Teaching Interests

- Silviculture
- Agroforestry
- Nursery Practices

Research Areas

- Climate change mitigation through forestry interventions
- Tropical agroforestry for sustainable development
- Commercial forestry
- Ecosystem services
- Biodiversity and Conservation

Fellowships and Awards

- Merit Scholarship for topper in Department of Plantation Technology from University of Agricultural Sciences, Dharwad in 2012
- Inspire Fellowship from Department of Science and Technology, Ministry of Science and Technology, Govt. Of India for 2013-Till completion of PhD thesis
- BEST PAPER CERTIFICATE- Paper Title: An Insight into Biodiversity: Prospects and Challenges. From International Journal of Agricultural Science and Research (ISSN (Online): 2321-0087; ISSN (Print): 2250-0057; Impact Factor(JCC) : 5.9857; Index Copernicus Value (ICV) : 3.0; NAAS Rating: 4.13;)

List of publications

1. Milkuri Chiranjeeva Reddy and Somashekhar L. Madiwalar. 2013. Carbon sequestration potential of teak plantations of different agro-climatic zones and age-gradations of southern India. World Teak Conference 2013.
2. Milkuri Chiranjeeva Reddy, S.L. Madiwalar and Mhaiskar Priya Rajendra Productivity assessment and economic analysis of teak plantations. Lambert Academic publishing. 978-3-659-61677-8. 0214.
3. Anand Salve, Milkuri Chiranjeeva Reddy, D R Bharadwaj. 2014. Effect of tillage practices on production of mustard in 10-year old *Dalbergia sissoo* based Agroforestry system. Compendium of Abstracts. World Agroforestry Conference. 2014.
4. Hukum Chand. K S Verma, S K Bhardwaj and Milkuri Chiranjeeva Reddy. 2014. Assessment of floral diversity in northwestern Himalayas-A case study from Kol dam watershed. Ecology Environment & Conservation. 20 (2) : 2014 : 827-832.
5. Mahesh G. Bhoyae, Omkar J. Gavkare, Chiranjeeva Milkuri Reddy and Vikas S Ghumare. 2014. Possible uses of Parthenium – An agricultural waste. Journal of industrial pollution control. 30 (2) (2014). Pp 309-312
6. Yourmila Kumari, D P Sharma And Milkuri Chiranjeeva Reddy. 2014. Propagation for conservation of *Myrica nagi* 4grof. – an important MPT from Himalayan region. Eco. Env. & Cons. 20 (2) : 2014 : 823-826.
7. Milkuri Chiranjeeva Reddy and Somashekhar L. Madiwalar. 2014. Productivity assessment and economic analysis of teak plantations in different agro-climatic zones of Karnataka. Indian Forester, 140 (3) : 287.
8. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2014. Fertilizers trees for boosting productivity of Agroforestry systems. Vansangyan.
9. Milkuri Chiranjeeva Reddy, R. M. Priya and S. L. Madiwalar. 2014. Carbon sequestration potential of teak plantations of different agro-climatic zones and age-gradations of southern India. Current World Environment Vol. 9(3).
10. Bhoyar Mahesh G, Milkuri Chiranjeeva Reddy, Gavkare Omkar and Bajad Ankush . 2014. Organic farming in tropical fruit crops. 1st Himachal Pradesh Science Congress on Role of Science and technology in sustainable development. 2014

11. Milkuri Chiranjeeva Reddy, Mhaiskar Priya Rajendra and Bhojar Mahesh G. 2014. Agroforestry as a sustainable land-use system prospects and challenges. Organic farming in tropical fruit crops. 1 st Himachal Pradesh Science Congress on Role of Science and technology in sustainable development. 2014.
12. Yourmila Kumari, D P Sharma and Milkuri Chiranjeeva Reddy. 2015. Effect of seed germination behavior of *Myrica nagi*- An important MPT from Himalayan region. Indian Forester. 141 (4) : 475- 476, 2015.
13. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2015. Goods and services provided by plantation forestry and their quantification. Vansangyan. (ISSN 2395 – 468X).
14. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2015. *Semecarpus kathalekanensis* – A tree battling with extinction. Vansangyan. (ISSN 2395 – 468X).
15. Mhaiskar Priya Rajendra, S. D. Kashyap, Milkuri Chiranjeeva Reddy. 2014. Multiplication of *Pittosporum floribundum* Wight and Arn. Through air layering. Environment & Ecology 33 (3) : 1205—1208.
16. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2015. A tree needed to be prioritized: *Pterocarpus santalinus*. Vansangyan. (ISSN 2395 - 468X).
17. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2016. Management of soil erosion in forest plantations by means of cost effective cultural practices. Vansangyan. (ISSN 2395 - 468X).
18. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2016. Influence of teak plantations on different soil chemical properties in southern India. International Journal of Agricultural Science and Research. Vol.(6) 6.
19. Rajendra Mhaiskar Priya, S.D. Kashyap, Milkuri Chiranjeeva Reddy and B. Rohit. 2016. Analysis of fodder values in *Pittosporum floribundum* Wight and Arn. Environment and Ecology. 34 (1A) : 357- *359.
20. Milkuri Chiranjeeva Reddy, Mhaiskar Priya Rajendra and Shika Dilip Kumar. 2016. Mission Kakatiya: An ideal platform for development of Agroforestry in Telangana State. Souvenir. Mission Kakatiya: A new hope for sustainable rural development in Telangana state.

21. Mhaiskar Priya Rajendra, Milkuri Chiranjeeva Reddy and Reeja S. 2016. Vegetative propagation of *Pittosporum floribundum* – A lesser known multipurpose tree species. International Journal of Agricultural Science and Research. Vol.(6) 6.
22. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2017. Impact of Agroforestry systems on biodiversity – Review. Souvenir Abstracts. National Conference on Frontiers of Plant Research – Prospects and Challenges.
23. Milkuri Chiranjeeva Reddy and Mhaiskar Priya Rajendra. 2017. An insight into biodiversity: Prospects and Challenges. International Journal of Agricultural Science and Research. Vol.(7) 7.
24. Milkuri Chiranjeeva Reddy and B. Gupta. 2018. Soil organic carbon stocks under different forest types of Himalayan moist temperate forests in Shimla district, Himachal Pradesh, India. International Journal of Agricultural Science and Research. ISSN(P): 2250-0057; ISSN(E): 2321-0087 Vol. 8, Issue 4.

Conferences, Seminars and Training programs and Membership

1. National Consultative Workshop on Holistic strategies for conservation of biological diversity and livelihood. 2009
2. National Seminar on trends in Agriculture, biotechnology and Environmental Protection. 2012
3. Interdisciplinary National Seminar on “Impact of agrochemicals on Ecosystem. 2013
4. World Agroforestry Conference. 2014
5. 1st Himachal Pradesh Science Congress on Role of Science and technology in sustainable development. 2014
6. 6th World Congress on Biotechnology. 2015.
7. 1st international Agro-biodiversity Congress 2016.
8. Two day National Seminar on mission Kakatiya: A new hope for sustainable rural development in Telangana State. 2016.
9. International Seminar on Green Chemistry for sustainable development: Issues, challenges and prospects. 2017
10. ATREE @20 Conference on Conservation Sciences and Sustainable development. 2017.
11. National Conference on Frontiers of Plant Research – Prospects and Challenges. 2017.
12. One day seminar on recent trends in lower and higher plants. 2017

Training programs attended

1. Seven day training program on techniques for monitoring of animal population conducted by Wildlife Conservation Society. 2011.
2. Familiarizing with local biodiversity: A short term training program on Systematic of Plants and Insects. 2014.
3. 6th Seven day National Workshop on Research Methodology for Management and Statistical Analysis using IBM SPSS Statistics 22.0.