

DR. KRISHNA KUMAR CHANDRA

Associate Professor

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Academic Qualifications

S.No.	Degree	Institution	Year
1	Ph.D.	Forest Research Institute, Dehradun, UK	1998
2	M.Sc.	Guru Ghasidas Vishwavidyalaya, Bilaspur, C.G.	1993

Area of Specialization

Mycorrhizal Ecology and eco-restoration of wasteland

Agroforestry and extension

Current Research Projects

S.No.	Name of Project	Duration	Source	Amount (Lakh)
1	Vesicular Arbuscular Mycorrhizal fungi in important forest species planted in Entisol soil of eastern Chhattisgarh and its exploitation for the production of quality nursery stock.	3 Year	UGC, Major Research Project, New Delhi	13.82

Awards And Recognitions :-

1. Gold medal for the first position in the university
2. Qualified National Eligibility Test, Agricultural Scientist Recruitment Board, New Delhi twice in year 1995, 1996
3. Awarded Junior Research Fellowship, Senior Research Fellowship and Research Associate from Council of Forestry Research & Education, Dehradun, UttaraKhand
4. Commendation certificate (1997) for poster presentation in annual meeting of Indian Phytopathological Society, Jabalpur, Madhya Pradesh

Additional Information/Achievements:

1. Reviewed research papers for International Journal of Tropical Forest Science, Malaysia

2. Reviewers in International journal of forestry research, Hindwai, Germany
3. Member in District Coordinator Committee Horticulture Programme, Chandauli, Uttar Pradesh
4. Radio Talk delivered 15 and Television expert Talk 43
5. Life member of Indian Society of Agroforestry, NRCAF, Jhansi

Past Work Experiences:

1. Agriculture Scientist, Narendra Deva University of Agriculture and Technology, Kumarganj, Faizabad, Uttar Pradesh (2001-2011)
2. Technical Assistant and Junior Scientist, State Forest Research Institute, Jabalpur, Madhya Pradesh (1997-2001)

Research Projects Completed:

1. Effective use of biofertilizers in forest nurseries and its demonstration to beneficiaries, Cost Rs. 3.31 Lac funded by World Bank Contract Research, SFRI, Jabalpur, M.P.
2. Multiplication of elite clones of Mango, Guava, Aonla and Ber under Model Nursery (NHM) project, Cost Rs 18.0 Lac funded by UPCAR, Lucknow

List of 10 Publications:

1. Chandra K.K. **2014**: Floristic And Microbial Diversity In Different Coal Mine Overburdens And Adjacent Natural Forest Of Chhattisgarh, India, **International Journal of Scientific Research in Environmental Sciences**, 2(8), pp. 289-300.
2. Chandra K.K. **2014**: Recovery Pattern in Diversity and Species of Ground Vegetation and AMF in Reclaimed Coal Mine Dumps of Korba (India), **Expert Opinion Environ Biol** 3:1.
3. Chandra K.K. **2013**: Seedling quality, biomass promotion and nutrient uptake potential of AMF, Azotobacter and Pseudomonas in Azadiracta indica under nursery condition. **Journal of Biodiversity and Environmental Sciences**, Vol. 3, No. 4, p. 39-45, 2013
4. Chandra, K.K., Pandey, S.K. and Singh, A. K. **2012**: Influence of tree rejuvenation, IPNM and VA-Mycorrhizal fungi on shoot emergence, yield and fruit quality of *Psidium guajava* under farmers field condition. **International Journal of Biosciences**. 2(11), 9-17.
5. Chandra K.K., Niraj Kumar and Girischand **2011**: Studies on Mycorrhizal inoculation on dry matter yield and root colonization of some medicinal plants grown in different stress soils and forest soil. **Journal of Environmental Biology**. 3,(6),975-979.
6. Chandra K K, Niraj Kumar, Avinash Verma and Saxena A.K. **2010**: Influence of certain tree species plantations on Physiochemical properties and microflora of soil. **Indian Journal of Agroforestry** ,12 (I),84-90.
7. Chandra K.K. and Ujjaini M **2002**: Interaction of AMF with three levels of soil organic matter and their influence on seedling biomass and root infection of six forest specie. **My forest**. 38(2), 155-161.

8. Chandra K.K., Bhandari P.S., Khosla H. and Tiwari K.P. **2001**: Comparative study on regeneration status, pH and organic matter content in protected mixed forest and unprotected forest. **Indian Journal of Forestry**. 24(4), 414-418.
9. Chandra K.K., Sharma M.C. and Tiwari K.P. **1998**: Regeneration status in different ANR areas situated in various forest ecosystems. **Journal of Tropical Forestry**. 14(4), 262-264.
10. Chandra K.K., Jamaluddin and Singh, A.K. **1997**: VAM infection in tree species planted in coal mine overburden at Kusmunda (MP) India. **National Academy of Science, India**. 67(B) 11, 149-156.