Name: Dr. Ajay D. Rane
Designation: Associate Professor
Date of Birth: 31.03.1978
Area of Specialization: Forestry (Bamboo, Medicinal and Aromatic plants)
Email: adrane@dbskkv.ac.in
Mobile: +91 7875485227

Education

- Ph D Forestry (Forest Genetics) from Forest Research Institute, Dehradun
- M. Sc Forestry (Tree Breeding and Physiology) from Kerala Agricultural University, Thrissur
- B. Sc Forestry from Dr. B. S. Konkan Krishi Vidyapeeth, Dapoli

Professional History

- Associate Professor at College of Forestry, Dr. B. S. Konkan Krishi Vidyapeeth, Dapoli (since April 2017)
- Asisstant Professor at College of Forestry, Dr. B. S. Konkan Krishi Vidyapeeth, Dapoli (June'05-April'17)
- Senior Research Fellow at Kerala Forest Research Institute, Thrissur (May'03-June'05)

Academic Achievements

- Gold Medal for B. Sc. Forestry degree
- ICAR-JRF (Forestry) 13th Rank in year 2000
- ICAR-NET (Forestry) qualified in year 2005
- Best paper awards in 2 seminars

Publications

- Published 85 research papers, 14 book chapters, co-authored 8 books and 25 abstracts in symposium.
- H-index 7, i10-index 4 with more than 250 citations.

Externally funded Projects

- Principal Investigator for more than 10 projects worth 3 crores.
- Funding agencies RKVY, NMPB, NBM, NPCIL, Dabur India Limited and Maharashtra Forest Department.
- Initiated the first Public Private Partnership Project for Curcumin-Turmeric at the University.

Institute Development

- Post graduate laboratory at Institute (HPLC, UTM, SFE facility)
- Established Phytochemical laboratory at Dapoli
- Established Central Forestry Nursery with an estimated annual production of 2 lakh plants
- Initiated redevelopment of 60-acre forestry farm by adopting medicinal agroforestry.
- Established Bamboo Work Shop for processing of edible shoots, furniture, structures, agarbatti, mat board.
- Established Manga bamboo tissue culture commercial production capacity (1 lakh plants).

Research Technology

- Manga bamboo culm cutting propagation technology was developed and commercialized.
- 10 superior clones of Manga bamboo were recommended and subjected to mass multiplication through tissue culture facility.
- Agarbathi production technology was recommended in Manga bamboo.
- High density *Brihat* panchamool production technology recommended and commercialized.

Extension activity

- 2 television talks, 5 radio talks and 20 popular articles published.
- More than 25 training programs for more than 500 farmers organized on bamboo, short rotation forestry and medicinal plants.
- Established 12 manga bamboo nurseries through RKVY on farmer's field.
- Established 4 manga bamboo agarbatti manufacturing units at self-help group.
- Guided more than 1000 farmers on bamboo and medicinal plants cultivation.