

CURRICULAM VITAE

Name - Dr. S.S.Dhuria

Position - Associate Professor

Contact Information:

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Academic Qualifications:

S.No.	Degree	Institution	Year
1.	Ph.D (Investigation in to the vegetative propagation of some multipurpose tree species and their field performance.)	Dr. H. S. Gaur University Sagar	1993
2.	M.Sc (Botany)	Dr. H. S. Gaur University Sagar	1987

Brief write –up on area of specialization/awards/achievements:

Vegetative propagation is a specialized method of propagation so it require specific facilities trained manpower etc. the most common and simple method of plant propagation is through seeds. generally the stock which originate from the seed are genetically different from their Parents because of cross pollination outside inferior source where as vegetative means is concern as a mass multiplication tools for desirable phenotypic and genotypic superior tree through this technique the productivity of forest can enhanced many times in a short period of time.

The standard practices of propagation through cuttings are decided by the easier, rapid and less expensive way of multiplication plantation developed by this method when compare with seedling originated plants the yield was recorded double as Aracruz (Brazil) experienced by Zobel (1993).

Among all the methods of vegetative propagation, rooted cuttings are the most used in clonal forestry. The factors like age, position of donor plant, standardization of exogenous application of root promoting hormones appropriate season and the suitable rooting medium are the main factors which help to get successful vegetative propagation.

In most of the countries the main aim of vegetative propagation is cloning of

valuable genotype through rooted cuttings.

Current Research Projects:Submitted

S.No.	Name of the Project	Duration	Source	Amount (in Rs)
1.	Provenance trial of <i>Albizia procera</i> (Roxb.)	3 years	UGC	17,42,400.00

Awards & Recognition:

1. Fellowship (3 Months) for tree improvement at FRI international, Newzealand in 1996 (**Awarded but not availed**)

Additional information/ Achievements:

1. Member board of studies of Forestry, wildlife and environment science, School of Natural resources
2. Member Examination committee Forestry, wildlife and environment science , School of Natural resources

List of 10 major publications:

- Based on economic returns in agro forestry. Paper presented in workshop on technique of wastelands development through Agro-forestry, 10-11 February, 1988, SFRI, Jabalpur. Published in proceeding.
- Pandey R.K. and Dhuria S.S. (1988). Studies on natural successional trend in rehabilitated overburdens on bauxite and coal mined out sites in Madhya Pradesh. Paper presented in “All India Seminar on Environmental Problems of Mining and their Management, Bhupal, Decemebr 8-1. Published in proceeding.
- Tiwari S.K. and Dhuria. (1989). Biotechnology a possible solution to increase forest productivity. Jour. Of Tropical Forestry. Vol. 5(3) July-Sept.
- Prasad Ram and Dhuria S.S. (1989). Reclamation of Irone-ore mined out areas : Biomass production efficiency of species. Journal of Trop. Forestry, Vol. 5 No. 1, Jan-March.
- Dhuria S.S. and Tiwari S.K. (1989). Vegetative propagation of Mulberry (*Morus alba*) under mist conditions. Vaniki Sandesh Vol. XIII, No. 3, July-September.
- Tiwari S.K. and Dhuria S.S. (1989). A possible solution to increase forest productivity. Jornal of Tropical Forest, Vol. 5 (3).

- Dhuria S.S. and Chadar S.K. (1990). Rooting behavior in *Bambusa vulgaris* cutting under mist conditions. Vaniki Sandesh. Vol. 14 (1), 10-16.
- Dhuria S.S. (1990). Macro-propagation of *Adhatoda vassica* under mist conditions. Paper presented in National Seminar on Medicinal and Aromatic Plant, SFRI, Jabalpur, April, 6-7. Published in proceeding.
- Dhuria S.S. (1991). Field performance of rooted cutting of *Bambusa vulgaris* , Vaniki Sandesh XV (2), 12-14 April-June.
- Dhuria S.S. (1991). Vegetative propagation of *Pongamia pinnata* through shoot cuttings under mist conditions. Vaniki Sandesh, Vol. XV (4), 6-10.

Book Chapters

- Dhuria SS (1992): Vegetative propagation of *Dalbergia sissoo* through branch cutting under mist conditions in Vegetative propagation & biotechnologies for tree improvement by KK Reddy, Natraj Publications, pp. 111-121
- Prasad, R, Dhuria SS and Tiwari SK (1992): “Status of research on vegetative propagation of forest tree species” in Vegetative propagation & biotechnologies for tree improvement by KK Reddy, Natraj Publications, pp. 111-121