

## CURRICULUM VITAE

**Name** : Dr. Shiv Shankar Dhuria  
**Father's name** : Shri R.S. Dhuria  
**Date of birth** : 01.07.1965  
**Category** : Other Backward Class (O.B.C.)  
**Nationality** : Indian  
**Language known** : Hindi & English  
**Marital status** : Married



### ACADEMIC QUALIFICATION

| Name of the examination    | Year | Division                                                                                                      | Percent | Subjects                          | Board/ University                      |
|----------------------------|------|---------------------------------------------------------------------------------------------------------------|---------|-----------------------------------|----------------------------------------|
| Board of H.Sc. Examination | 1981 | 2 <sup>nd</sup>                                                                                               | 59.0    | Hindi, Eng., Chem., Physics, Bio. | M.P. Board, Bhopal                     |
| B.Sc. (Biology)            | 1984 | 2 <sup>nd</sup>                                                                                               | 51.0    | S. Hindi, Chem., Bot, Zool.       | Dr. H.S. Gour University, Sagar (M.P.) |
| M.Sc. (Botany)             | 1987 | 2 <sup>nd</sup>                                                                                               | 58.48   | Botany                            | Dr. H.S. Gour University, Sagar (M.P.) |
| Ph.D.                      | 1993 | Investigations into the vegetative propagation of some multipurpose tree species and their field performance. |         |                                   |                                        |

**Designation** : Associate Professor  
Department of Forestry, Wildlife & Environmental Science  
Guru Ghasidas University, Koni, Bilaspur-495009 (C.G.)  
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## **Teaching Experience**

- Teaching students of B.Sc., M.Sc. and Ph.D. in Department of Forestry, Wildlife & Environmental Science since September 1996 till date as regular curriculum.
- Lecture delivers in refresher courses to the trainee officers on tree improvement programme for Assistant Conservator of Forests (ACF's) and Forest Ranger at Forest Ranger College, Jabalpur during 1991-1992 in different dates.
- Lecture delivers on Importance of Oils Seed Tree Species for Agro-Forestry at IGKVK, Sarkanda, Bilaspur, C.G. in April, 2001.
- Lecture deliver on importance of trees in teachers training workshop at Guru Ghasidas University, Bilaspur on 22<sup>nd</sup> to 24<sup>th</sup> February 1997 organized by WWF Bhopal and Department of Forestry, Guru Ghasidas University, Bilaspur, C.G.
- Lecture deliver on overview of forest for high school students organized by JBNSTS Kolkata in science workshop. The world around us held as Bharat Mata English Medium School, Bilaspur, C.G. from March 24-07-04 to 26-07-04.
- Lecture deliver on “seed collection and planting techniques in one day training programme on cultivation techniques of petrocrops, organized by SLT Institute of Pharmaceuticals Science, GGU, Bilaspur (C.G.) 7<sup>th</sup> October, 2006.
- Delivered lecture as resource person in 20<sup>th</sup> orientation program at HRDC, GGV Bilaspur.

## **Research Experience**

- More than 30 years' experience in conducting experiments on vegetative propagation to produce genetically quality planting materials.
- Identification and selection of plus trees of Teak, Khamer, Eucalyptus, Bija, Dhawra, Neem, Sissoo, Alberzzia and other miscellaneous species.
- Establishment provenance trial experiment of Gliricidea sepinum, Khamer, Acacias etc.
- Propageny trial of Teak.

- Identification and selection of seed Stand and Seed production area of Teak, Kamer, Bija etc.
- Survey and identification of medicinal plants in various regions of Chhattisgarh.
- Bio-diversity conservation.
- Conducting tissue culture experiment for tree species and medicinal plants, a major activities at State Forest Research Institute, Jabalpur (M.P.) Since September 1987 to September 1996.

### **Project Completed**

- Application of Science and Technology in the Sustainable Development of Non-Timber Forest Produce (NTFPs) for Socio-economic upliftment of tribal and other weaker section of Madhya Pradesh.
- Studies on role of Mycorrhiza & Biofertilizer on growth of Sal (*Shorea robusta*) and its associates.
- Selection of genetic traits in some taxa of Mimosaceae distributed in Bilaspur Region for initiating tree improvement programme.
- Biology and Pattern of genetic variation in *Tamarindus indica* in Southern part of Chhattisgarh (Submitted to CGCOST).

### **Fellowship**

- FAO (3 months) for Tree Improvement at FRI International, New Zealand.

### **Ph.D. Programme**

- Awarded : 02
- Registered : 05

### **Dissertation Work**

- Guided students for more than 40 topics in different areas of forestry.

### **Extra-curricular activities**

- Conducted University Examination as Assistant Centre Superintendent in 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005... till date.
- Working as Member Steering Committee University Examination, Session 2002-03.
- Member Flying Squad for session 2002-03, 2003-04, 2004-2005, 2006, 2007.
- Conducted central valuation, revaluation as coordinator, main examination of 2006, 2007, 2008.
- Founder member of Sustainable Forestry, Journal Published from 34, Tagore Nagar, Jabalpur (M.P.)
- Member board of studies in Forestry.
- Joint Secretary of JTF Published from State Forest Research Institute, Jabalpur, M.P. (From 1995 to September, 1996).
- Regular paper setter of Forestry and Botany
- Member inspection committee of various colleges.
- Member Regular selection committee.
- Member CC& CMC, 2018.
- Co-ordinator of equal opportunity cell.
- Member Gender Selection cell.
- Member Media Cell.
- Member Research Advisory Group at TFRI, Jabalpur, M.P.
- Member Institutional Animal Ethics Committee.
- Member standing committee.
- Member Academic Council.

### **Participated in Seminar/ Conference/ Workshop**

- Workshop on techniques of wastelands development through Agro-forestry, held at State Forest Research Institute, Jabalpur, M.P. on 10-11, February, 1988.

- All India Seminar on Environmental Problem of mining and their management, Bhopal, December, December 8-9, 1988.
- National Seminar on Depletion of Soil and Forest Cover Technology for control. January 7-9 at State Forest Research Institute, Jabalpur, M.P.
- National Seminar on Silviculture and Management of Bamboo at Institute of Deciduous Forest Research Institute, Jabalpur, M.P.
- Thirteen (XIII) Plant Tissue Culture Conference held on 18-20 October, 1989 at North-Eastern Hill University (NEHU), Shillong, Meghalaya.
- National Workshop on Nursery Technology at Kamraj University, Madurai, February, 1990.
- National Seminar on Medicinal and Aromatic Plants held at State Forest Research Institute, Jabalpur, M.P. March 6-7, April, 1990.
- Participant in Young Scientist Award (YSA) at Pt. Ravi Shankar University, Raipur (C.G.), February 28, 1991.
- Workshop on Tree Improvement and Provenance Research, Raipur, 1992.
- National Seminar on Application of Science and technology in upgrading skills of rural women in Forestry held at Jabalpur, 17-18 April, 1992.
- National Symposium on Bio-diversity conservation strategies in India at Chhattisgarh University Bilaspur held on February 28, 1995.
- Preparation of project under extension support fund held at TFRI, Jabalpur, M.P. 1995.
- National Seminar on field Biology of Sal Forest held at Guru Ghasidas University, Bilaspur, C.G. On 26-28 October, 2002.
- Workshop on Conservation assessment and management prioritization for medicinal plants based on IUCN guideline on 12<sup>th</sup> May, 2003 at PCCF office, Raipur, C.G.
- Seminar on Legal and Policy issue considering wildlife conservation at Kanan Pendari National Biological Park, Bilaspur, C.G. on 8-9 February, 2003.

- National Seminar on Recent Advances in Forest Sciences, at GGV Bilaspur on 30-31 January, 2006.
- National Seminar on Forest and Forestry Techniques, at GGV Bilaspur on 23-24 March 2007.
- National Conference on Forest, Environment and Climate Change: Issues and Challenges, at GGV Bilaspur, 30-31 January, 2012.
- Workshop on Intellectual Property Rights, IP Commercialization and Prevention of Plagiarism, at GGV Bilaspur, 26-27 February, 2016.
- National Seminar on Innovation and Entrepreneurship in Biotechnology, at GGV Bilaspur, 26-27 December, 2016.
- International Conference on Bharat Rejuvenation (ICBR) at GGV, Bilaspur, 15-17 October, 2017.
- International conference on Advances in Environmental and Agricultural Biotechnology, St. Xavier College, Ranchi, 22-24 February, 2018.

### **Seminar Organized**

- Recent advances in forest sciences, January 30-32, 2006 as co-convenor.
- Forest and Forestry Technique. March 23-24, 2007 as organizing secretary.
- Forest and environment in India. Contemporary issues and challenges. February 18-19, 2008 as Organizing Secretary.
- National Conference on Forest, Environment and Climate Change: Issues and Challenges, 30-31 January, 2012 as organizing secretary.
- International Conference on Bharat Rejuvenation (ICBR), 15-17 October, 2017.
- International Conference on Emerging Researches in Biosciences (ICERB), 28-30 October, 2018.

## **Participated in Training Programmes**

- Attended Experiment at Training in Plant Tissue Culture division at Central Institute of Medicinal and Aromatic Plants (CIMAP) Lucknow, U.P. For demonstration and discussion from 23-01-1989.
- Course on Technical Writing and Presentation held at BAIF, Pune on November 19-30, 1990. NCL, PUNE.
- Attended Training Course on “Training of Plantation Economics by International Consultant to Indian Council of Forestry Research (ICFRE) and Education at Tropical Forest Research Institute, Jabalpur, M.P., 2-7 September, 1995.
- Successful completion of the training of Trainers (TOT) on “Bio-energy Management” held at Indian Institute of Forest Management (IIFM), Bhopal, M.P. from 27-31 August, 2001.
- Attended orientation course from Academic Staff College, D.D. University, Gorakhpur held from 29-12-1999 to 25-01-2000.
- Selected for training programme under Madhya Pradesh Forestry project funded by World Bank, Developing Breeding Strategies & Laboratory Technique using clonal propagation for implementation of plan for genetic improvement in State Forest Research Institute, Jabalpur, M.P. under FAO Fellowship Scheme for three months in New Zealand (December 1996- February 1997).
- Successful completion of certificate course in computer application from 6-8-2001 to 6-9-2001 (one month) organized by Nodol Center, C.G.U. Bilaspur, C.G.
- Attended Refresher Course organized by School of Biotechnology & School of Computer Science from 23-12-04 to 13-01-2005 held at Pt. Ravi Shankar University, Raipur, C.G.
- Attended Refresher Course by Academic Staff College Ravi Durgawati Vishwavidyalaya, Jabalpur, M.P. from 10.10.2005 to 29.10.2005 in need based course entitled “Environmental Awareness”

### List of research paper

1. Kulkarni H.D., Tiwari S.K. and Dhuria S.S. (1988). Importance of package of practices 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.
2. 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.
3. Tiwari S.K. and Dhuria. (1989). Biotechnology a possible solution to increase forest productivity. Jour. Of Tropical Forestry. Vol. 5(3) July-Sept.
4. 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.
5. 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.
6. Tiwari S.K. and Dhuria S.S. (1989). A possible solution to increase forest productivity. Jornal of Tropical Forest, Vol. 5 (3).
7. Dhuria S.S. and Chadar S.K. (1990). Rooting behavior in *Bambusa vulgaris* cutting under mist conditions. Vaniki Sandesh. Vol. 14 (1), 10-16.
8. 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.
9. Tiwari S.K. and Dhuria S.S. (1990). Clonal propagation of *Plumbago zylinica* by stem nodal culture. Paper presented in National Seminar on Medicinal and Aromatic Plant, SFRI, Jabalpur, April 6-7.
10. Dhuria S.S. (1991). Field performance of rooted cutting of *Bambusa vulgaris* , Vaniki Sandesh XV (2), 12-14 April-June.

11. Dhuria S.S. (1991). Vegetative propagation of *Pongamia pinnata* through shoot cuttings under mist conditions. Vaniki Sandesh, Vol. XV (4), 6-10.
12. Dhuria S.S. (1991). Vegetative propagation of *Dalbergia sissoo* through branch cutting under mist conditions. Paper published in book on Vegetative Propagation and Biotechnology for Tree Improvement.
13. Prasad Ram, Dhuria S.S. and Tiwari S.K. (1992). Status of research on vegetative propagation of forest tree species in Madhya Pradesh. Paper published in book on Vegetative Propagation and Biotechnology for Tree Improvement.
14. Singh S.P. and Dhuria S.S. (1992). Tree improvement programme of multipurpose tree species through vegetative propagation techniques. Published in workshop proceeding in Tree Improvement and Provenance/ Research, Jaipur, Rajasthan.
15. Singh S.P. and Dhuria S.S. (1992). Effect of Indole Butyric Acid on stacklin production of *Gmelina arborea* in different seasons. Jour. of Trop. For. Vol. 8 (IV), 343-346.
16. Dhuria S.S. and Tiwari S.K. (1993). Vegetative propagation of Pachouli in mist conditions. Vaniki Sandesh. Vol XVII (1), 8-10.
17. Shukla P.K., Tiwari S.K. and Dhuria S.S. (1993). General techniques used in tree improvement programme with special reference to tissue culture, Vaniki Sandesh Vol. XVII (4).
18. Tiwari S.K. and Dhuria S.S. (1994). Application of biotechnology for tree improvement with special reference to tissue culture. Vaniki Sandesh. Vol XVII (2), 21.
19. Jalil, Parvez, Tiwari S.K. and Dhuria S.S. (1995). Role of rural women in selection of improved plant material for afforestation by teak nut cutter boon in teak cutting udyog. Paper presented in National Seminar on application of Science and Technology in upgrading skills of Rural Women in Forestry held on 17-18 April at SFRI, Jabalpur, M.P. 23.
20. Chader S.K. and Dhuria S.S. (1996). *Gliricidia sepium* a multipurpose exotic species selected for genetic improvement. Vaniki Sandesh, Vol. XIX (2) 4-5, 1-24.

21. Prashar K.K., Tiwari S.K. and Dhuria S.S. (1996). Field trials of Tissue cultured grown plants of Teak (*Tectona grandis*). Vaniki Sandesh, Vol. 19(2), 1-3.
22. Dhuria S.S. (2000). Biodiversity conservation. Paper presented in Orientation Course at Gorakhpur (U.P.) from 29-12.2009-25.01.2000.
23. Tiwari, R.K.S., Ojha B.M., Chandravanshi, S.S. and Dhuria S.S. (2002). Distribution pattern of medicinal plants in the Bilaspur, Jashpur and Baster forest divisions of Chhattisgarh Published in JTF Jabalpur (M.P.), Vol. 18 No. IV, Oct-Dec., 78-86.
24. Dhuria S.S., Tiwari R.K.S. and Ojha B.M. (2005). Status of medicinal plants in Sal Forest of Chhattisgarh. Journal of Science & Technology, C.G. Bilaspur, Vol. 2, 183-189.
25. Ishtiyag Mohi-ud-din Shah and S.S. Dhuria. (2006). Availability and Traditional use of Bamboo in Chhattisgarh. (Paper presented in National Seminar).
26. Arvind Prajapati, Ajay Kumar and S.S. Dhuria. (2006). Forest Conservation through JFM in Achanakmar. (Paper presented in National Seminar).
27. Reyaz Rasool Mollick and S.S. Dhuria. (2006). Occurrence of Medicinal and Aromatic Plants in Jammu and Kashmir with special reference to Kashmir Valley Paradise on Earth. (Paper presented in National Seminar).
28. Dhuria S.S. (2007). Nursery Technology: Vegetative propagation of forestry species for higher biomass production, Journal of Tropical Forestry, Vol. 23 No. 1&2, 136-140.
29. Dhuria S.S. (2007). Rooting behavior of *Rauwolfia serpentine* Sarpagandha, using branch cuttings under mist condition. Journal of Tropical Forestry. Vol. 24 (I&II).
30. Dhuria S.S. (2007). Production of genetically improved seeds from seed orchards of Madhya Pradesh. Journal of Tropical Forestry, Vol. 23 (III&IV), 65-67.
31. Dhuria S.S. (2007). Rooting response in *Eucalyptus* clones. . Journal of Tropical Forestry. Vol. 25 (I&II). 38-41.
32. Rather Altaf Ahmed and S.S. Dhuria. (2007). Nursery techniques and growth performance of *Jatropha curcas*. Journal of Tropical Forestry. Vol. 24 (III &IV).

33. Dhuria S.S. and Tariq Bashir Sheikh. (2009). Roosting response in Eucalyptus clones. Journal of Tropical Forestry. Vol. 25 (I&II), 38-41.
34. Dhuria, S.S. (2012). Loss of diversity of some medicinal plants in Achanakmar Sanctuary, Chhattisgarh, India. *J. Bio. & Eco. Sci.*.
35. Choubey, OP, Sharma, A. and Dhuria SS. (2013). Impact of crop composition and stand structure on natural regeneration of Shorea robusta Gaertn. F (Sal)- case study. IJBSBT, 5(4) 35-44.
36. Dhuria SS and Gupta RK. (2013). Studies on the effect of storage on germination behavior of *Terminalia arjuna* and *T. tomentosa* seeds. Journal of Tropical Forestry, Jabalpur Vol. 29(VI), 7-14.
37. Dhuria SS. (2014). Diversity loss study of medicinal plants in Achanakmar Sanctuary, Chhattisgarh India. Journal of Forest Product and Industries, 3(1), 37-47.
38. Dhuria and Gupta RK. (2014). Studies on the effect of seed color on the germination behavior of *Terminalia arjuna* and *T. tomentosa* seeds. Journal of Tropical Forestry, 30(I), 66-76.
39. Dhuria, SS. (2014). Cloning in *Gmelina arborea* (Linn.) through bud grafting. Life Science Bulletin – June, 11(1): 13-15.
40. Dhuria, SS. (2014). Growth performance of Clonal vis Seed origin plant of some forestry species., Life Science Bulletin – June, 11(2): 121-124.
41. Dhuria, SS. (2014). Identification and enumeration of tree families and species of Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, Indian Forester, 140(3): 306-308.
42. Gautam, A., Bajpai P, Vaishnav V and Dhuria SS. (2014). Identification and enumeration of trees, family and species of Guru Ghasidas Vishwavidyalaya, Bilaspur, Chhattisgarh, Indian Forester, 140(3), 306-308.
43. Dhuria SS and Sunil Kumar Tiwari (2017). Variation in seed and seedling characteristics of *Albizia procera* wild in various provenances of Chhattisgarh, India. International Journal of Science and Research, 6(3), March 2017. 877-881.

44. Tiwari, S.K. and Dhuria S.S. (2017). Provinces variation in seed, pod, germination and seedling characteristics in natural population of *Dulbergia sissoo* in Chhattisgarh. Int. J. Adv. Res. 5(7) 1927-1933.
45. Tiwari, S.K. and Dhuria S.S. (2018). Effect of Pre-Sowing Treatment on seed germination and seedlings growth characteristics of *Albizia procera*. Asian journal of research in Agriculture and Forestry, 2(1) 1-6.
46. Tiwari, S.K. and Dhuria S.S. (2018). Variability studies of POD and seed Characteristics of *Albozia procera* in Chhattisgarh. International journal; of scientific research in Biological sciences, 5(3) 27-31
47. Chandrakar, A.K. and Dhuria, S.S. (2019). A Checklist of Bird Diversity in Guru Ghasidas University Campus, Bilaspur, Chhattisgarh, India. Eco-Chronical, 14 (1): 53-59.
48. Chandrakar, A.K. and Dhuria, S.S. (2020). Sustainable Wetland Management in India: Charting a course for a Sustainable Future. Life Sciences International Research Journal, Vol.7 (1), 46-52.
49. Chandrakar, A.K. and Dhuria, S.S. (2021). Threatened Bird Diversity of Chhattisgarh, India. Life Sciences International Research Journal, Vol.8 (2), 41-46.
50. Anand, Ashutosh, Dhuria, S.S & Aman Kumar (2021). Avi Fauna Of Guru Ghasidas University Campus. International Journal of Research and Analytical Reviews (IJRAR) (vol)8 (3):548-552
51. chandrakar, A.K and Dhuria S.S, 2021. Record of painted storks (*Myeteria leucocephala*) from kabeerdham, Chhattisgarh. Ela journal of forestry and wildlife. vol.10(3):983-984.