

1. **Name and Designation** : **Dr. S.C. Goyal**
Professor of Botany
2. **Residential Address** : H.No.732-Sector15A, HISAR -125 001 (Haryana) India
3. **Academic Qualification** : M.Sc., Ph.D.
University of Rajasthan, Jaipur.
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6. **Field of Specialization** : Plant Anatomy, Morphogenesis
Tissue Culture

7. **Membership of Professional Societies:**

1. Indian Botanical Society, Jaipur (Life Member)
2. Current Science Association, Bangalore.
3. Society for Plant Physiology & Biochemistry,
New Delhi.
4. Phytomorphology, New Delhi.

8. **Awards/distinction/recognition/ foreign visits:**

1. Senior Research Fellow - CSIR, New Delhi at Department of Botany,
University of Rajasthan, Jaipur from 1.2.1980 to 30.6.1981.
2. Post-Doctoral Fellow-CSIR, New Delhi at Deptt. of Botany, Univ. of
Rajasthan, Jaipur from 1.7.1981 to 20.11.1981.
3. Awarded "President Scout Certificate" by late V.V. Giri, Ex. President
of India, for Social Services, to the Society.

9. **Teaching and Research highlights :**

10. **Extension Activity :**

11. **Number of M.Sc. & Ph.D. Students guided:** M.Sc.- 6, Ph.D.- 5.

12. **List of Selected Publications in Different Fields:**

- i. Singh, Rohtas and **Goyal, S.C.** 2007. Micropropagation of *Salvadora oleoides* Decne from nodal explants of mature tree. J. Plant Biol. **34**: 1-5.
- ii. Sushma Rani, S. K. Bishnoi, S. C. Mehla, S. Devi, **S.C. Goyal**, R. Angrish and Datta, K.S. 2007. Protein profile of some salt Hyper-accumulator plants suitable for salinity phytoremediation. Physiol. Mol. Biol. Plants **13** : 215-219.
- iii. Singh, Rohtas, H.R. Singal and **Goyal S.C.** 2006. Biochemical changes during embryogenic callus cultures of *Chlorophytum borivillianum* Sant. et Fernand. J. Plant Biol. **33** : 1-7.

- iv. Singh, Rohtas, H. R. Dhingra and **Goyal, S.C.** 2006. Biochemical changes during shoot differentiation in callus culture of *Chlorophytum borivilianum* Sant. et Fernand. Indian J. Plant Physiol. **11** : 130-135.
- v. **Goyal, S.C.** and Jain, Sudha 2002. Primary vascular differentiation in seedling of *Eruca sativa* Mill. J. Phytol. Res. **15** : 45-47.
- vi. Gupta, R.B., S. Sharma and **Goyal, S.C.** 2002. Study on pollen morphology of genus *Ziziphus*. J. Phytol. Res. **15** : 217-220.
- vii. Purohit, S., Babbar, S., **Goyal, S.C.** and Varghese, T.M. 1997. Effect of chloride dominated salinity on the foliar features of chickpea (*Cicer arietinum* L.) J. Indian bot. Soc. **76** : 211-214.
- viii. Jain, S. and **Goyal, S.C.** 1995. Extra floral nectaries in some Apocynaceae. J. Phytol. Res. **8** : 157-159.
- ix. Goyal, V., **Goyal, S.C.** and Pillai, A. 1988. Correlations in the quiescent zones of root and shoot apices. Phytomorphology **38** : 193-200.
- x. **Goyal, S.C.** and Pillai, A. 1985. Morpho-histological studies of the shoot apex in *Papaver rhoeas* Linn. Phytomorphology **35** : 257-263.
- xi. **Goyal, S.C.**, Jain, S. and Pillai, A. 1983. Localisation and semi-quantitative estimation of DNA, RNA and proteins in the shoot apex of *Papaver somniferum* Linn. Beitr. Biol. Pflanzen **58** : 67-75.
- xii. Pillai, A. and **Goyal, S.C.** 1983. Developmental anatomy of some oil-yielding plants IV. Normal and tricotylous seedlings of *Sesamum indicum* L. Feddes Repertorium. **94** : 87-90.
- xiii. **Goyal, S.C.** and Pillai, A. 1981. A syncotylous seedling of *Carthamus tinctorius* Linn. Current Science **50** : 899-901.
- xiv. **Goyal, S.C.** and Pillai, A. 1980. A bifurcated seedling of *Carthamus tinctorius* Linn. Current Science **49** : 107-108.
- xv. Singh, Rohtas and **Goyal, S.C.** 2007. Inflorescence nodal segments: A novel explant for rapid micropropagation of *Chlorophytum borivilianum* Sant. et Fernand. Phytomorphology (Communicated).