

PROFILE

Name	Dr. Ravinder Raina
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E-mail	raviraina4@yahoo.co.in; raviraina57@gmail.com
Qualification	Ph.D. in Botany
Area(s) of Specialization:	<i>Plant reproductive biology, Planr Breeding, Cytogenetics, Conservation Biology, Medicinal & aromatic plants</i>
Occupation/Designation	<i>Senior Scientist/Professor</i>
Major Activities	<i>Conservation and domestication of endangered temperate medicinal and aromatic plants</i>

Awards/Recognitions

Dr. R. Raina, Professor (Medicinal Plants), Department of Forest Products, Dr. YSP University of Horticulture & Forestry, Solan has about 25 years of teaching/research/Extension experience in various aspects of conservation and domestication of temperate and sub temperate medicinal plants. Ph.D. in Botany, from Kashmir University, Srinagar, and his major areas of research interest include domestication, reproductive biological studies and genetic improvement of commercially important temperate medicinal plants. Besides being instrumental in developing four characterized germplasms in *Hypericum perforatum* and *Valeriana jatamansi* (registered by NBPGR, New Delhi as unique germplasm by allotting national identity numbers), he has also successfully mentored the recovery of critically endangered medicinal plant species like *Swertia chirayita* & *Gentiana kurroo*, development of hand pollination method for increasing seed set in rare *Gloriosa superba*, production of viable seed in exotic *Stevia rebaudiana* by exploiting the reproductive characters and isolation of new cytotype in *Nardostachys grandiflora*. He has made significant contributions to the development of package of agricultural practices in species like *Picrorhiza kurroa*, *Hypericum perforatum*, *Valeriana jatamansi*, *Swertia chirayita*, *Gentiana kurroo*, *Gloriosa superba* etc. He has successfully guided two Ph.D. & eleven M.Sc. scholars and currently four Ph.D. and three M.Sc. scholars are working under his guidance. Most of his students are gainfully employed in various Indian and foreign universities as research and teaching

faculties. He has handled several research projects funded by DBT, ICAR, ICFRE, HPSFD. So far he has co-edited three books on medicinal & aromatic plants, published about ninety research papers in national and international research journals and scientific conferences besides other technical reports. He was a member of a sub-group for drafting 11th Plan of Govt. of India. Currently he is Head, ICAR All India Coordinated Research Project on Medicinal, aromatic plants and BetelVine being operated at UHF, Solan besides Principal Investigator of one DBT network project and HP state plan project. Presently he is serving a three year term (2011-14) as Vice President, Medicinal and Aromatic Plants Association of India (MAPAI).