

Promoting Medicinal and Aromatic Plants Sector for Sustainable Development under Post Covid - 19 Scenario in the Western Himalaya



REGIONAL WEBINAR

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KNOW THE SPEAKERS



Prof. (Dr.) N.K. Joshi, an alumnus of Massachusetts Institute of Technology (MIT), Boston, has over 30 years of experience in teaching, corporate training, faculty development, consultancy, research and administration. Currently he is Vice Chancellor, Kumaun University, Nainital. Prof. Joshi has been acknowledged as one of the “Top 50 Distinguished Educators in Higher Education Across India”. Prof. Joshi has been associated in past with Institutions like Missouri University of Science & Technology, Rolla, USA; National Institute of Financial Management (NIFM), Faridabad; Indian Institute of Forest Management (IIFM), Bhopal and Uttarakhand Academy of Administration, Nainital.

Dr. J.L.N. Sastry, BAMS, MD (Ayurveda) and Ph.D. (Ayurveda) is a distinguished Ayurvedic Physician and Researcher and have over 30 years of experience in Ayurveda. Dr. Sastry is involved in teaching and has held various administrative positions in government institutions. He was also associated with Dabur India Ltd as Head, Clinical Research. He has coordinated various research projects related to Ayurveda and agrobiotechnology. Currently he is working as a CEO of National Medicinal Plants Board (NMPB), New Delhi. He has received several gold medals and awards, nationally and internationally for his work.



Dr. Sanjay Kumar has obtained Ph.D. from Indian Agricultural Research Institute, New Delhi. He is associated with CSIR-IHBT, Palampur for the last 30 years and currently he is heading the institute. He has received his post-doctoral training at Texas Tech University (USA), Rothamsted Research (UK), and Kansas State University (USA). Dr. Kumar's major contributions include discovery of a novel carbon fixation pathway, transcriptome and genome sequencing of Himalayan plants, and development of nutraceuticals using traditional/Ayurvedic knowledge. He is elected Fellow of the National Academy of Sciences, National Academy of Agricultural Sciences and Crop Improvement Society of India.



Dr. S.S. Samant obtained his Ph.D. and D.Sc degrees in Botany from Kumaun University, Nainital. He has wide research experience of over 35 years in various areas of plant science. He was associated with the GBPNIHE as a scientist for 29 years and at present he is the Director of Himalayan Forest Research Institute, Panthaghati, Shimla, one of the ICFRE Institutes. Dr. Samant's work in the Trans, North Western and Western Himalaya has been globally recognized. He is an elected fellow of the National Academy of Sciences, Prayagraj and has earned various awards for his work in the field of plant sciences. He is expert member in various institutions and organizations.

Dr. G.S. Goraya a 1983 batch Indian Forest Service Officer, served as the Principal Chief Conservator of Forests with the Himachal Pradesh Forest Department. He was associated with management of issues related to the State's Floral Diversity, Non-Timber Forest Produce and Research Management. A specialist in medicinal plants, he steered a pioneering medicinal plant conservation program while working with the Foundation for Revitalisation of Local Health Traditions (FRLHT). He has also worked as the Director of Himalayan Forest Research Institute, Shimla. He co-authored the book on the demand and supply of medicinal plants in India.



Prof. M.C. Nautiyal is a Ph.D. in Plant Physiology from HNB Garhwal University. He has research experience of over 30 years with 28 years of teaching experience as well. His major work is on the physiology of alpine medicinal plants. He is a fellow of the National Academy of Sciences, Prayagraj and the Alpine Garden Society, Pershore, UK . Fifteen Ph.D. scholars have complete their doctoral degree under his supervision. He has supervised various projects related to development of agro-technology, multiplication, cultivation and conservation of high altitude medicinal and aromatic plants.

Dr. C.S. Sanwal holds master's degree from G B Pant University of Agriculture and Technology, Pantnagar and Ph.D. from University of Horticulture and Forestry, Solan, HP in Agroforestry. He has served as assistant professor of forestry prior to joining Indian Forest Services. Dr. Sanwal has worked as DFO in Badrinath, Haridwar, Haldwani and West Ramnagar (Tarai) forest divisions. He has also worked as a DD Van Pachayat in Uttarakhand. Currently he is serving as the Director of Herbal Research and Development Institute (HRDI), Gopeshwar.



Dr. Hema Lohani obtained her Ph.D. in Chemistry from Kumaun University, Nainital and did her post-doc research from CSIR-CDRI, Lucknow. Dr. Lohani have over 35 years of research experience on processing of essential oils and aromatic crops. She is recognized for developing Aromatic sector in Uttarakhand. Her visionary approach led to establishment of Centre for Aromatic Plants (CAP) at Selaqui, Dehradun by Govt. of Uttarakhand. Currenty she is heading the centre. She is life member of Essential Oil Association of India and subject expert at Bureau of Indian Standards, New Delhi.



Dr. A.K.S. Rawat specializes in Chemotaxonomy and quality assurance of medicinal plant drugs, ethno-pharmacology, development of IPR covered scientifically validated herbal drugs, cosmeceuticals & nutraceuticals. Dr. Rawat has developed several scientifically validated IPR covered herbal technologies / products. He has worked as Head of Pharmacognosy & Ethno-pharmacology Division, CSIR-National Botanical Research Institute, Lucknow. Currently, he is Executive Director at Ethno-medicine Research Centre, Hangbung, Manipur. He is Fellow of Society of Ethno-botanists, Ethno-pharmacology Society, India and Vice President of National Society of Ethno-pharmacology.

Dr. Padma Gurmet is among the pioneers of formal recognition of “Sowa-Rigpa” as an AYUSH system and its systematic development in India. He has been associated with Central Council for Research in Ayurveda and Siddha, Ministry of AYUSH. His research inputs led to upgradation of Amchi Medicine Research Unit, Leh as National Research Institute for Sowa-Rigpa. Dr. Gurmet is currently Director Incharge of National Research Institute of Sowa-Rigpa. His major work includes initiation of cataloguing more than 2000 Sowa-Rigpa medical literature, documentation of around 1200 Sowa-Rigpa formulations, and documentation and conservation of Trans-Himalayan Medicinal Plants etc. Dr. Gurmet has also successfully initiated the Tras-Himalayan Herbal Garden project in Leh.



Dr. B.S. Kalakoti has done his Ph.D. in Plant Taxonomy from Kumaun University, Nainital. He has experience of more than 35 years in the field of nutraceuticals, herbal medicine and Indian medicine system. He is renowned for his work on commercial cultivation of Pharmaceutically active herbs in various agro-climatic zones of India, discovery of the Forskolin and extract from *Coleus forskohlii* plant and discovery of Rohitukin an anticancerous compound. He has headed R&D units in various multinational pharmaceutical companies, including Dabur group. Currently he is Director of Himex Naturals Private Limited, Nainital and is also president of Prof. Y.P.S. Pangtey Research Foundation, Nainital.

Dr. Sumeet Gairola has done D.Phil. in Botany from Department of Botany, HNB Garhwal University. He has been associated with CSIR-Indian Institute of Integrative Medicine (CSIR-IIIM), Jammu, (J&K) since 2012. He specializes in Botanical standardization of Herbal drugs used in Indian Systems of Medicine (ISM), Systematics of Western Himalayan flora, Ethnomedicinal plants used by indigenous communities of Western Himalaya and Ecology and conservation biology of Rare, Endangered, and Threatened (RET) medicinal plants.



Dr. G S Rawat obtained Ph.D. and D.Sc.in Botany from Kumaun University, Nainital. He has been associated with Wildlife Institute of India since 1986 and has held various positions at the Institute since then. He was Dean and Director, Wildlife Institute of India. He was also associated with the Botanical Survey of India, Dehradun and in the departments of Botany of Kumaun and Garhwal universities in various capacities. Dr. Rawat has been awarded with various international fellowships. He is elected Fellow of the National Academy of Sciences, India. He is a member of the IUCN/SSC Orchid and Medicinal Plant specialist groups and a life member of the Association for Plant Taxonomy.



Dr. R.S. Rawal obtained his Ph.D. in Botany from Kumaun University, Nainital, and has research experience of over 30 years. He has been associated with GBPNHIE for the past 25 years as a scientist, and currently leading the institute as Director. His specialization is in floristic ecology and conservation biology. His work on ex-situ conservation models, participatory conservation education and transboundary landscape management has been recognized internationally. Dr. Rawal has coordinated and supervised various national, international and trans-boundary projects.

Prof. L.M. Tiwari is Ph.D. in Botany from Kumaun University, Nainital. He specializes in Plant taxonomy and medicinal plant research with a research experience of over 28 years. He has been associated with Kumaun University for the past 15 years. Dr. Tiwari has been felicitated with various prestigious awards for his work in the field of plant sciences. He is a fellow of Botanical Society (FBS). He is member of Indian Science Congress, Indian Botanical Society, and Oaks. Dr. Tiwari has supervised 32 Ph.D. students and has more than 150 publications. He has also been involved as PI & Co PI in many research projects.



Dr. I.D. Bhatt is Ph.D. in Plant Physiology from HNB Garhwal University and was awarded DST Fast Track Young Scientist in 2001-2002. He has done Post Doctoral Fellowship under Japan Society for Promotion of Science Programme, Tokyo and post doctoral fellowship under the Education or Training Programme of Clayton Foundation USA. He has more than 20 years of research experience in the field of plant physiology and biodiversity conservation. Dr. Bhatt specializes in medicinal plant propagation, tissue culture and Phytochemistry. He has diversified his research fields to include assessment of biodiversity through molecular markers and harness their potential evaluating antioxidant activity. Currently he is heading the Centre for Biodiversity Conservation and Management at GBPNHIE.

