

PROGRAMME SCHEDULE

“National Dialogue on Orchid Conservation and Sustainable Development for Community Livelihood”
March 8-9, 2013

(Venue: Chintan Bhawan, Gangtok, Sikkim)

DAY-I: 08th MARCH, 2013

REGISTRATION (08:00 – 10:00)	
INAUGURAL SESSION (10:00 – 11:30)	
09:30	Arrival of Guests
09:45 – 10:00	Invocation
09:50 – 10:00	Welcome to Guests (Dr. R. Devadas)
10:00 – 10:10	Lighting of lamps (by the guests)
10:10 – 10:15	Welcome Address by Dr. R. P. Medhi , Director, NRCO
10:15 – 10:25	Introductory Remarks by Prof. S. P. Vij , Emeritus Professor, TOSI (Chandigarh)
10:25 – 10:35	Special address by Prof. A. K. Bhatnagar , Delhi University, New Delhi & Vice-President (TOSI)
10:35 – 10:45	Release of publications & Web site launching for NRCO
10:45 – 11:05	Address by Guest of Honour (Shri Bhim Prasad Dhungel , Hon'ble Forest Minister, Gov. of Sikkim), (2) Shri. S. Pradhan , IAS, Secretary (Agriculture), Government of Sikkim, (3) Shri. G. M. Pradhan , Orchid Breeder, Kalimpong
11:05 – 11:15	Presidential address by Dr. S. N. Puri , Vice-Chancellor, CAU, Imphal
11:15 – 11:20	Award ceremony (Felicitations) by NRCO
11:20 – 11:30	Inaugural address by Shri Dawa Norbu Takarpa , Hon'ble Agri. Minister & Parliamentary Affairs
11:35 – 11:40	Vote of thanks (Prof. Promila Pathak , TOSI, Chandigarh)
	Exhibition opening by Chief Guest
BREAK (Hi-Tea) (11:40 – 12:00)	

National Dialogue on Orchid Conservation & Sustainable
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Date: 08th MARCH, 2013			
SESSION (I)			
Theme I: Indigenous orchid resources, evaluation and characterization (IOR)			
LIST OF LEAD LECTURES & SPEAKERS			
Chairman: Prof. A. K. Bhatnagar, Delhi University			
Co-Chairman: Prof. M. C. Gayatri, Bangalore University			
Rapporteur: Dr. D. K. Agrawal, BSI, Gangtok			
Date: 08/03/2013 (FN) (12:00 – 14:00)			
Title	Speaker	Designation	
1	Evolution and speciation of <i>Orchidaceae</i> family	Dr. S. P. Vij	Prof. Emeritus, The Orchid Society of India (TOSI), Department of Botany, Punjab University, Chandigarh-160014
2	Additions to <i>Orchidaceae</i> of N. E. India and an update analysis and classification	Dr. A. N. Rao	Director (R&D), Centre for Orchid Gene Conservation for the Eastern Himalayan Region, (COGCEHR), Hengbung, Kangpokpi – 795129, Senapati (District), Manipur
3	Conservative measures in India on orchids and enforcement of national laws	Dr. Paramjit Singh	Director, BSI, CGO Complex, 3rd MSO Building, Block F (5 th & 6 th Floor), DF Block, Sector I, Salt Lake City, Kolkata - 700064
4	Orchid piracy, trade and CITES	Dr. C. Satish Kumar	Tropical Botanical Garden and Research Institute (TBGRI), Pacha Palode, Thiruvananthapuram – 695562, Kerala
5	Quantitative assessment and mapping of orchids in India	Dr. H. J. Chowdhery	Emeritus Scientist, Botanical Survey of India, North Circle, 192, Kaulagarah Road, Dehradun - 248195, Uttarakhand
6	Orchid biodiversity in islands: Challenges and Prospectives	Dr. D. R. Singh	Head & Principal Scientist, Central Agricultural Research Institute (CARI), ICAR, Port Blair - 744101
ORAL PRESENTATIONS (7 no.)			
1	Phenology, distribution pattern, endemism and phyto-geographic affinities of the genus <i>Eria</i> Lindl. (<i>Orchidaceae</i>) in India - <i>D. K. Agrawal</i> and <i>H. J. Chowdhery</i>		
2	Conservation and enhancement of genetic variability of <i>Vanilla</i> (<i>Vanilla planifolia</i> Andreas) at Indian Institute of Spices Research A status Report.- <i>R. R. Nair</i> , <i>P. A. Mathew</i> and <i>M. Anandaraj</i>		
3	Biochemical and anatomical studies in different species of <i>Aerides</i> Lour - <i>M. C. Gayatri</i> , <i>D. Srivastava</i> and <i>S. N. Hedge</i>		
4	Evaluation of diversity and habitat types of some orchid species growing in Kashmir Himalaya - <i>G. A. Shapoo</i> , <i>Zahoor</i> , <i>A. Kaloo</i> , <i>S. Singh</i> , <i>Aijaz</i> , <i>H. Ganie</i> , <i>B. M. Podder</i> , <i>S. Amin</i> and <i>Tabina</i> . <i>A. Moon</i>		
5	Prospecting and commercialization of therapeutic orchids need attention - <i>J. Das</i> , <i>S. Thapa</i> and <i>J. K. Sukhla</i>		
6	Status and conservation issues of orchids in the changing environmental conditions of trans and North Western Himalaya - <i>S. S. Samant</i>		
7	Orchid flora of Himachal Pradesh: History and Composition - <i>Jagdeep Verma</i>		
POSTER DISPLAY (THEME I & II) (10:00 – 20:00)/Poster Evaluation (14:00 -15:00)			
Lunch Break (13:30 – 14:30)			

SESSION (II)			
Date: 08/03/2013 (AN) (14:30 – 19:00)			
Theme II: Propagation and Genetic improvement through conventional & biotech means (PGB)			
Chairman: Prof. S. P. Vij, TOSI, Chandigarh			
Co-Chairman: Prof. S. B. Babbar, Delhi University			
Rapporteur: Dr. Jayashakar Das, ISBD, Gangtok			
	Title	Speaker	Designation
1	Cymbidium breeding in India	Shri Ganesh Mani Pradhan	Cymbidium Breeder & Orchidologist, Kalimpong, West Bengal
2	Recent advances and perspectives in cytological & molecular characterization in Orchids <i>(Re-scheduled on 09th)</i>	Prof. S. Rama Rao	Department of Bio-technology & Bioinformatics, North Eastern Hill University (NEHU), Mawkynroh-Umsing, Shillong – 793022, Meghalaya
3	Providing unique molecular IDs to Indian Orchids through DNA barcoding	Prof. Shashi Babbar	Department of Botany, University of Delhi, Delhi - 110007
4	Advances in micro-propagation of orchids	Prof. S. Kumaria	Department of Botany, Eastern Hill University (NEHU), Mawkynroh-Umsing, Shillong – 793022, Meghalaya
5	Cytological studies in Orchids	Prof. Navdeep Sekhar	Associate Professor, Government Brinda College, Punjab University, Faridkot, Punjab
6	Role of PPV & FRA for IPR protection of orchid	Dr. Manoj Srivastava	Registrar, PPV & FR Authority, A-Block, N.A.S.C. Complex, (Opp. Village Todapur), DPS Marg, New Delhi-110012
7	Bar coding in Orchid species for intellectual protection	Dr. S. Chakrabarti	Senior Scientist (Genetics), NRC for Orchids, ICAR, Pakyong – 737106, Sikkim
ORAL PRESENTATIONS (06 no.)			
1	Differential germination response of Vanilla (<i>Vanilla planifolia</i> Andreas) seeds on White's medium <i>in-vitro</i> - R. R. Nair and Priya Treasa Tom		
2	In-vitro regeneration of <i>Anoectochilus elatus</i> Lindley, An endangered Jewel orchid found in South India - N. A. Sherif, S. Parthibhan, J. H Franklin Benjamin, T. Senthil Kumar and M. V. Rao		
3	Elemental, chemical and molecular profile of <i>Eulophia andamanensis</i> - P. Alphonso, Bhaskaran and Da'Costa Brian		
4	Diversity and genetic relationship analysis of native <i>Aerides</i> species using RAPD markers - S. Chakrabarti, S. Jain, Debasree Sinha and R. P. Medhi		
5	Study of variability among <i>Cymbidium tracyanum</i> accessions collected from Darjeeling using RAPD markers - M. Chakraborti, Rampal, S. Chakrabarti, S. K. Jain and R. P. Medhi		
6	Somatic embryogenesis receptor kinases (Serks)/ Serl-Like genes in plants - Jaspreet K. Sembi, Akanksha Singh and Paramjit Khurana		
Dinner (20:00)			

DAY-II: 09th MARCH, 2013**SESSION (III)****Date: 09/03/2013 (FN) (09:30 – 13:30)****Theme III: Cultivation, Management and Value Addition (CMV)****Chairman:** Dr. P. K. Rajeevan, KAU, Kerala**Co-Chairman:** Prof. P. Kaushik, Gurukul Kangri University, Haridwar**Rapporteur:** Dr. N. K. Meena, Scientist (Entomology)

	Title	Speaker	Designation
1	Towards developing a sustainable orchid industry in India	Prof. P. K. Rajeevan,	Professor & Associate Dean, College of Horticulture, Kerala Agricultural University, KAU Post, Trichur- 680656
2	Status of Exotic Orchid Hybrids and Species in India: Its impact on Indian Orchid Industry	Dr. S. N. Hegde	Former i/c (SFRI) & TOSKA, Aruadaya House, Rajiv Gandhi Nagar, Sunkada Katte, Viswanidhan, Bangalore- 560091, Karnataka
3	Therapeutic values of Indian orchids	Prof. Purushotam Kaushik	Professor & Dean, Faculty of Life Sciences, Department of Botany & Microbiology, Gurukul Kangri University, Haridwar-249404
4	Priorities in post-harvest management and value addition in orchids	Dr. L. C. De	Principal Scientist (Hort), NRC for Orchids, ICAR, Pakyong – 737106, Sikkim
5	Status of orchid virus diagnostics and their application in production of virus free planting material	Dr. R. P. Pant	Senior Scientist (Plant Pathology), NRC for Orchids, ICAR, Pakyong – 737106, Sikkim
6	Pest scenario on orchids and their management	Dr. N. K. Meena	Scientist (Entomology), NRC for Orchids, ICAR, Pakyong – 737106, Sikkim

ORAL PRESENTATIONS (04 no.)

1	Response of nutrition on growth and flowering of Dendrobium orchids under agro-climatic conditions of Pasighat, Arunachal Pradesh - <i>Sunil Kumar</i>	National Dialogue on Orchid Conservation & Sustainable Livelihood
2	Orchids as ideal landscape material - <i>Sharath Kumar, G. Vivek and M. Jawaharlal</i>	Livelihood
3	Effect of water stress on <i>Cymbidium</i> hybrid "Pine Clash Moon Venus" (PCMV) - <i>N. Sailo, D. Barman, B. Hakmaosa, J. Gogoi and R. P. Pant</i>	Venue: Gangtok, Sikkim
4	Distribution, identification and characterization of orchid viruses infecting orchids - <i>R. Sherpa</i>	

POSTER DISPLAY (THEME III & IV) (10:00 – 17:00)/Poster Evaluation (12:00 - 13:00)**Lunch Break (13:30 – 14:30)**

SESSION (IV)		
Date: 09/03/2013 (AN) (14:30 – 16:00)		
Theme IV: Orchid Promotion: Public-Private Partnership (PPP)		
Chairman: Shri. D. K. Rai, Principal Director (Horticulture), Govt of Sikkim		
Co-Chairman: Dr. D. Barman, Principal Scientist (Horticulture), NRCO		
Rapporteur: Dr. Ashok Kumar, Scientist (Horticulture), ICAR RC NEHR, Tadong		
Title	Speaker	Designation
1	Prospects of Growers & supply chain management in Orchids”	Shri Prashant Agrawal Progressive Orchid Grower, Darjeeling, West Bengal
2	Role of women entrepreneurs in Orchid industry in North-East India	Prof. (Mrs). Madhumita Talukdar Department of Horticulture, Assam Agricultural University (AAU), Jorhat – 785013, Assam
3	State enterprise for commercialization of Cymbidiums in Sikkim	Shri Padam Subba Deputy Director (Flori.), Krishi bhvan, Tadong, Gangtok
4	Commercial technologies, research issues and gaps in India	Dr. D. Barman Principal Scientist (Hort.), NRC for Orchids, ICAR, Pakyong – 737106, Sikkim
ORAL PRESENTATIONS (02 no.)		
1	Therapeutic orchids of Arunachal Pradesh: A treasure to be utilized sustainably - T. S. Mehra and A. K. Pandey	
2	Suggestions on orchid’s promotion in India - S. Upadhyay	
PLENARY SESSION (16:00 – 17:00)		
Chairman: Dr. N. K. Krishna Kumar, DDG (Horticulture), ICAR, Pakyong-737106		
Co-Chairman: (1) Dr. J. P. Tamang, Dean of PG Studies, Sikkim University (2) Shri. D. K. Bhandari, Joint Dir. (Floriculture), HCCD Department, Govt of Sikkim		
Rapporteur: Dr. L. C. De, Principal Scientist (Horticulture), NRCO		
16:00 – 16:10	<i>Rapporteur presentation (Theme-I)</i>	
16:10 – 16:20	<i>Rapporteur presentation (Theme-II)</i>	
16:20 – 16:30	<i>Rapporteur presentation (Theme-III)</i>	
16:30 – 16:40	<i>Rapporteur presentation (Theme-IV)</i>	
Free Interactive Session with farmers/delegates		
Remarks by Chairman & Co-chairman		
VALEDICTORY FUNCTION (17:00 – 18:00)		
Chief Guest: Shri. Bhim Dhungel, Hon’ble Minister of Tourism & Civil Aviation / Forest, Environment & Wild Life Management, Govt. of Sikkim		
Guest of honour: Shri. S. T. Lachungpa, Former PCCF (Government of Sikkim)		
17:10 – 17:20	Presentation of Plenary Report	
17:20 – 17:30	Presentation to Awards winners (Poster/Oral/Farmers)	
17:30 – 17:50	Address by Invited Guests & Dignitaries	
17:50 – 10:00	Vote of thanks (by Dr. D. Barman , NRC for Orchids, Sikkim)	