

SECTION	PLANT SCIENCES
Sectional President	Prof.P.C.Trivedi , DDU Gorakhpur University, Gorakhpur
Local Sectional Secretary	Dr.Kishore Panigrahi , NISER, Bhubaneswar
Sectional Recorder	Dr.Akhilesh Kumar Pandey , Bhopal
January 04, 2012	
14:00 - 17:30	
Venue	Campus-5, Hall 11, KIIT University
Presidential Address	P. C. Trivedi , Vice Chancellor, Gorakhpur <i>Plant parasitic nematodes and their management by bioagents</i>
Platinum Jubilee Lecture	D. K. Maheshwari , Gurukul Kangri University, Haridwar <i>Emerging role of plant growth promoting rhizobacteria (PGPR) in suppression of phytopathogens</i>
Prof. Hira Lal Chakravarty Award Lecture	Latha Rangam , IIT, Guwahati <i>Characterization of Pongamia pinnata a versatile legume.</i>
Prof. Archana Sharma Memorial Award Lecture	Paramjit Khurana , Univ. of Delhi, Delhi <i>Functional Characterization of the heat stress induced Transcriptome in wheat</i>
Young Scientists Award Presentation 1	Jeremy Dkhar NEHU, Shillong <i>Waterlilies (Nymphaea) of India revisited: a comprehensive reappraisal of both morphological and molecular data</i>

SECTIONAL COMMITTEE ELECTION

January 05, 2012

14:00 - 17:30

Venue	Campus-5, Hall 11, KIIT University
V. Puri Memorial Award Lecture	S. C. Maheshwari , Jaipur National University, Jaipur <i>From Floral Morphology to Genes Governing Flower Development</i>
Young Scientists Award Presentation - 2	Rashmi Singh , K.N. Govt. PG College, Gyanpur, Bhadohi, <i>Th-1432 m, a mutant of Trichoderma harzianum with enhanced enzymatic activity and high competitive saprophytic ability used for the management of collar rot of chickpea</i>
Symposium on	Plant Science in Human Welfare–Biotechnological approach
Invited Lectures	Manish Biyani , University of Tokyo, Japan <i>On-chip cell analysis system to study cancer preventive phytochemicals in Indian herbal plant extracts</i>
	Pushpa Khanna , New Delhi <i>Innovation, patents, industrialization (SME) and transfer of technology of polypeptide-K, an antidiabetic product.</i>
	C. M. Govil , CCS Meerut University, Meerut <i>Biotechnology-Second green revolution-vision-2020</i>
	A. K. Dhawan , CCS Haryana Agriculture University, Uchani, Karnal <i>Efficacy of 4-CCPU in the in vitro shoot regeneration in</i>

	<i>sugarcane genotypes</i>
	Ashwini Kumar , University of Rajasthan, Jaipur <i>Metabolic engineering and production of next generation biofuels.</i>
	Harvinder K. Cheema , Punjab University, Chandigarh <i>Micropropagation of leguminous crop plants and some lower plants-An overview.</i>
	Arun Arya , University of Baroda, Vadodara <i>Biotechnological advancements in the field of mushroom biology ensuring food security, medicinal needs and environmental management.</i>
	T. Pullaiah , S. K. University, Anantpur <i>Biotechnological approaches for propagation of medicinal asclepiadaceous members..</i>
	C. P. Malik , Jaipur National University, Jaipur <i>Can biotechnology contribute towards sustainable agriculture?</i>
	Y. Vimala , CCS University, Meerut <i>In vivo/in vitro salt stress : Yield loss or pharmacofarming</i>
	P. Chary , Garden City College, Bangalore <i>Induced responses to paraquat-mediated oxidative stress in Neurospora crassa with specific reference to superoxide-dismutase, catalase & other proteins by 2-Dimensional IEE/SDS-PAGE.</i>
	Aparna Pareek , University of Rajasthan, Jaipur <i>Commiphora wightii (guggul) needs attention of biotechnologist for its conservation and micropropagation</i>
	T.N. Nag , Bikaner <i>Enhancement of antioxidants in plant through <i>in vitro</i> technique</i>

CONCURRENT POSTER SESSION-I

January 06, 2012

14:00 - 17:30	
Venue	Campus-5, Hall 11, KIIT University
Symposium on	Bioagents in plant disease management
Invited Lectures	B. C. Lodha , Ex. Vice-Chancellor, Jodhpur <i>Management of rhizome rot of ginger</i>
	H. B. Singh , B.H.U., Varanasi <i>Trichoderma based biopesticides for the managing plant diseases.</i>
	Anupam Dikshit , University of Allahabad, Allahabad <i>Bio-inoculant : An eco-friendly approach for plant disease management in modern agriculture.</i>
	Rakesh Pandey , CIMAP, Lucknow <i>Exploitation of microbes to tackle the phytonematode menace in medicinal and aromatic plants.</i>
	B. K. Goswami , Amity University, Noida <i>Management of disease complexes caused by root-knot nematode and wilt causing fungus on tomato through botanical antagonist, oil seed cake and fungal bioagents.</i>
	Pratibha Sharma , I.A.R.I., New Delhi <i>Role of biological control in plant disease management.</i>
	Jamaluddin , R.D. University, Jabalpur <i>Diversity of fungi and its impact on forest productivity in central India.</i>
	N. N. Tripathi , D.D.U. Gorakhpur University, Gorakhpur <i>Fumigant efficacy of essential oil based botanical pesticides in protection of <i>Cajanus cajan</i> seeds from bio-deterioration.</i>
	P. B. Kavikishore , Osmania University, Hyderabad <i>In planta and Agrobacterium mediated genetic transformation of tomato (<i>S. lycopersicum</i> L.) by heterologous expression of osmotin and chitinase genes for fungal resistance.</i>
	Sampat Nehra , BISR, Jaipur <i><i>Pseudomonas fluorescence</i>, a potential biological control</i>

	<i>agent against wilt fungus in Cajanus cajan.</i>
	K.V.B.R. Tilak , Osmania University, Hyderabad <i>Rhizobacteria for sustainable crop production.</i>
	R. C. Upadhyay , Mushroom research, Solan (H.P.) <i>New records of the genus Pleurotus (Oyster mushroom) from India.</i>
	T.N. Lakhanpal , H. P. University, Shimla <i>Conservation and propagation of germplasm biodiversity of plants through traditional knowledge.</i>
	Pushpa Srivastava , University of Rajasthan, Jaipur <i>Income generating spirulina cultivation-management by rural women.</i>
	Umesh C. Lavania , CIMAP, Lucknow <i>Vetiver grass model for carbon sequestration and human welfare.</i>
	N. B. Sarin , J.N.U., New Delhi <i>Increased alpha-topopherol helps in maintaining photosynthetic activity and antioxidant status in transgenic Brassica juncea plant growing under abiotic stress condition.</i>
	Seshu Lavania , Lucknow University, Lucknow <i>Secretary cells in vetiver roots : Pre-requisites for essential oil biogenesis.</i>
	A. K. Pandey , University of Delhi, Delhi <i>Diversity, taxonomy and biogeography of carducae (Asteraceae) an overview.</i>
	S. R. Yadav , Shivaji University, Kolhapur <i>Biosystematics of Drimia (Hyacinthaceae) Species of India.</i>

CONCURRENT POSTER SESSION-II

January 07, 2012

14:00 - 16:00

Venue	Campus-5, Hall 11, KIIT University
Symposium on	Plant science in human welfare- Biotechnological approach
Invited Lectures	Veena Chandra, FRI, Dehradun <i>Biodiversity and conservation of medicinal plants.</i>
	Ashok K. Jain, Jiwaji University, Gwalior <i>Biotechnology as a tool for conservation of important medicinal & aromatic plant species : Prospects & potentials.</i>
	Tarun Kant, AFRI, Jodhpur <i>Development of a high efficiency in vitro propagation protocol for <i>Jatropha curcas</i> from apical buds.</i>
	R. C. Srivastava, Tripura University, Tripura <i>Effect of nitrogen fertilization in integration with certain growth promoting diazotrophs on rhizosphere micro-flora population in the paddy cultivated soil.</i>
	A. N. Singh, Rungta mines Ltd. Barbil <i>Exploitation of low cost input microbial technology for ecofriendly wasteland management.</i>
	V. N. Pandey, D.D.U. Gorakhpur University, Gorakhpur <i>Fomeag cafeteria : A new hope for biotechnology, nutraceuticals, biodiversity conservation and biodiversity-climate link.</i>
	S . P. Rath, Bhubaneshwar <i>In vitro plantlet regeneration of <i>Aegle marmelos</i> through aseptic seedling explants.</i>
	R. B. Bhat, South Africa <i>Indigenous knowledge and uses of marula (<i>Sclerocarya birrea</i>) in Limpopo province, S. Africa.</i>

	M. A. Bari Miah , Bangladesh <i>Jatropha</i> genotypes in Bangladesh and its in vitro regeneration.
	Anand Tyagi , Fiji <i>Variation in chromosome numbers in early generations of Arabidopsis allohexaploids.</i>
	M. Praveen , U.S.A. <i>Transgene technology for improvement of salt tolerance in cultivated tomato.</i>
GENERAL DISCUSSION & RECOMMENDATIONS	