

SECTION		PLANT SCIENCES
Sectional President		Dr. (Mrs.)Seshu Lavania , Botany Department, Lucknow University, Lucknow
Sectional Recorder		Prof. Sunil Kumar Chaturvedi , Nagaland University, Lumani, Nagaland
Sectional Secretary		Dr. Shailesh Kumar Singh , School of Agriculture, Lovely Professional University, Phagwara, Jalandhar
January 04, 2019		
14:00 – 17:00		
SECTIONAL COMMITTEE MEETING		
Venue	:	Block 25, Room – 105
Presidential Address	:	Dr. (Mrs.) Seshu Lavania , Botany Department, Lucknow University, Lucknow <i>“Vetiver Grass Model and Phenomics of Root System Architecture”</i>
Platinum Jubilee Lecture	:	Dr.(Mrs.) Meenu Saraf , Department of Microbiology and Biotechnology, University School of Sciences, Gujarat University, Ahmedabad <i>“Reshaping The Rhizosphere Microbiome To Combat Salinity Stress In Agriculture”</i>
Award Lectures:	:	
Prof. Archana Sharma Memorial Award Lecture	:	Prof.K.C.Upadhyay , Former Vice-Chancellor, Maharaja Sayajirao University of Baroda, INSA Senior Scientist, School of Life Sciences, JNU, New Delhi. : <i>Retrotransposons: Agents of genomic restructuring and evolution</i> :
Dr. V.Puri Memorial Award Lecture	:	Prof.Shrirang Ramchandra Yadav , Department of Botany, Shivaji University, Kolhapur, Maharashtra. <i>Role of Taxonomy and Taxonomists in 21st Century.</i>
Prof. Hira Lal Chakravarty Award Lecture	:	Naseem Ahmad , Plant Biotechnology Laboratory Department of Botany, Aligarh Muslim University, Aligarh

<p>Young Scientist Award Presentation</p>	<p><i>Plant Tissue Culture: An Indispensable Tool For In Vitro Propagation And Conservation Of Valuable Plant Species</i></p> <p>Ritesh Banerjee, Department of Botany, Centre for Advanced Studies, University of Calcutta Kolkata</p>
<p>17.00 – 17.30 SECTIONAL COMMITTEE ELECTION</p>	

<p>January 05, 2019</p>	
<p>14:00 – 17:30</p>	
<p>Venue</p>	<p>Block 25, Room – 105</p>
<p>14.00 – 17.45 Symposium / Invited Lectures</p>	
<p>Foreign Invited Lecture I</p>	<p>Prof. R. J. Singh, USDA-Agricultural Research Service, Illinois, USA</p> <p><i>“Soybean Improvement By Tapping Into The Genetic Reservoir Of Perennial Soybean Species”</i></p>
<p>Foreign Invited Lecture II</p>	<p>Prof. Y. Mukai, Osaka Japan</p> <p><i>“The Structure Of Nucleus, Chromosome And Chromatin Is Backed By Function: What Was Clarified Through Visualization Technology”</i></p>
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<p>Symposium I</p>	<p>‘Structural Botany as a backbone of Modern Botany’</p>
<p></p>	<p>: Prof. A. K. Koul</p> <p><i>“Bearing of form and structure of plants on their manipulation”</i></p>
<p></p>	<p>: S. P. Khullar, Department of Botany, Panjab University, Chandigarh</p> <p><i>“Cell Biology Of Pteridophytes”</i></p>
<p></p>	<p>: J.I.S. KHATTAR, Department of Botany, Punjabi University, Patiala</p> <p><i>“Polyphasic Approach for the Taxonomy of Cyanobacteria”</i></p>

	:	Prof. Arun K. Pandey , Mansarovar Global University, Bhopal <i>“Embryology: Backbone of Modern Plant Biotechnology”</i>
	:	Prof. Shanti S. Sharma , Department of Botany, School of Life Sciences, Sikkim University, Tadong, Gangtok, Sikkim <i>“ Structural and molecular aspects of vacuoles in relation to heavy metal detoxification in plants ”</i>
	:	Dr. Samir Sharma , Department of Biochemistry, University of Lucknow, Lucknow <i>“Molecular basis of plant architecture: Different path to success”</i>
	:	S. K. Chaturvedi , Department of Botany, Nagaland University, Lumani, Nagaland <i>“Pollination in orchids of North-east India”</i>
	:	Prof. Alka Srivastava , Department of Botany, University of Lucknow, Lucknow <i>“Long term risk assessment of agrochemicals using plant indicators -cytogenotoxic consequences”</i>
	:	Umesh C Lavania , Department of Botany, University of Lucknow, Lucknow <i>“Organization of nuclear apparatus and implications in genome engineering”</i>
	:	Nalini Pandey , Department of Botany, University of Lucknow, Lucknow <i>“Biofortification for Micronutrient Malnutrition”</i>
BEST POSTER AWARD PRESENTATION		
15.00 – 17.30	Concurrent Poster Session –I (subsection I-IV)	

January 06, 2019		
14:00 – 17:30		
Venue		Block 25, Room – 105
14.00 – 17.45	Symposium /Award Lectures	
Symposium II		‘Phyto-molecules and Plant Products in Human Welfare’
	:	Daizy R. Batish , Department of Botany, Panjab University, Chandigarh, India <i>“Plant Essential Oils as Novel Agrochemicals”</i>
	:	Munna Singh , Botany Department, University of Lucknow, Lucknow <i>“Structural botany: photosynthesis and plant productivity”</i>
	:	S.M. Reddy , V. Krishna Reddy and M. Surekha, Kakatiya University, Warangal <i>“Incidence and biological activity of cytochalasins”</i>
	:	J. P. Yadav , Department of Genetics, M. D. University, Rohtak, Haryana, India <i>“Phytochemicals analysis of <i>Dipteracanthus patulus</i> and their Role in Human Welfare”</i>
	:	Rakesh Pandey , Central Institute of Medicinal And Aromatic Plants, P.O. CIMAP, Lucknow <i>“Caenorhabditis elegans: A unique model for investigating role of plant secondary metabolites in human health”</i>
	:	Shashi Pandey Rai ,Centre of Advanced Study in Botany, Banaras Hindu University, Varanasi <i>“Psoriasis and diabetes, progressive autoimmune disorders: cure with herbal medicine”</i>
	:	N. Anand , C.A.S. in Botany, University of Madras, Guindy, Chennai <i>“Algae as source of bioactive compounds and drug oriented molecules for Human welfare”</i>
	:	P.C.Trivedi , University of Rajasthan, Jaipur <i>“Herbal Medicine For Human Welfare”</i>
	:	N Sathyanarayna , Dept. of Botany, Sikkim University, Gangtok, Sikkim

		<i>“Levodopa In Mucuna Pruriens – The Good, The Bad And The Better”</i>
	:	Prof. B. P. Mishra , Deptt. of Environmental Sciences Mizoram University, Aizawl, Mizoram <i>“Human disturbances in relation to change in plant diversity of the Nokrek Biosphere Reserve, Meghalaya”</i>
	:	Vidya Patni , Department of Botany, University of Rajasthan, Jaipur, India. <i>“Phytoestrogens; In Human Welfare”</i>
	:	Prof. Rana Pratap Singh , Department of Environmental Science, B.R. Ambedkar University (A Central University), Vidya Vihar, Raebareli Road, Lucknow <i>“Designer ecosystems: Developing new cropping systems for increasing agricultural income and ecological restoration of marginal lands”</i>

15.00 – 17.30

**Concurrent Poster Session –II
(subsection V-VIII)**

January 07, 2019		
14:00 – 15:00		
Venue		Block 25, Room – 105
14.00 – 15.00	Invited Lectures/ Oral Presentations	
	:	Akhilesh Kumar Pandey , MP Private University Regulatory Commission, WALMI Road, Bhopal <i>“Applications And Potential Of Mushrooms In Addressing Global Food And Nutrition Security Challenges”</i>
	:	Amritesh C. Shukla , Department of Botany, University of Lucknow, Lucknow <i>“Plant Products in Human Welfare: Concept, Aspects and Prospects”</i>
GENERAL DISCUSSION AND RECOMMENDATIONS		