

# TECHNICAL PROGRAMME

International Congress on "Post-Harvest Technologies of Agricultural Produce For Sustainable Food and Nutritional Security"

10-12 November 2016

Organized By

IIAST, Integral University (IU), Lucknow-226026, UP, India

UP Council of Agricultural Research (UPCAR), Lucknow-226010, India

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U.P. Academy of Agricultural Sciences (UPAAS), Lucknow-226010, India

(Venue: Integral Institute of Agricultural Science and Technology (IIAST), Integral University, Lucknow, India)

## Programme:

10 November - 2016 - Thursday - Day 1			
08.30-09.30 hrs	Registration		
09.30-11.30 hrs	<b>Inaugural Function</b> <b>Shri Ram Naik</b> , Hon'ble Governor, Uttar Pradesh and Visitor, Integral University, Lucknow <b>Shri Akhilesh Yadav</b> , Hon'ble Chief Minister, Government of Uttar Pradesh <b>Dr. Charles Lindsay Wilson</b> , Founder/Chairman and CEO, World Food Preservation Forum, Washington, USA		
11.30-12.00 hrs	Inauguration of Expo by the Chief Guest		
12.00-12.30 hrs	Hi-Tea		
<b>Plenary Lecture I (12:30-13:45 hrs)</b>			
Time	Place	Topic	Speaker
12:30-13:45 hrs	Central Auditorium, IUL	Increasing world food supply by reducing post-harvest losses and waste	<b>Chairman:</b> 1. <b>Dr. Mangala Rai</b> , Ex-VC, GBPUAT and Ex-Secretary, DARE and Ex-DG-ICAR 2. <b>Dr. G.C. Tiwari</b> , Ex-VC, CSAUAT <b>Co-Chairman:</b> 1. <b>Dr. Desh Beer Singh</b> , Director, CITH, Srinagar 2. <b>Dr. G.P. Srivastava</b> , Ex. Dean, CSAUAT, Kanpur <b>Rapporteurs:</b> 1. Dr. Hari Har Ram, UPCAR 2. Dr. P. P. Gothwal, PS., CFTRI, Lucknow <b>Keynote Speaker:</b> <b>Charles Lindsay Wilson</b> , World Food Preservation Center
13:45-14:45 hrs	LUNCH		

**Technical Session I-V (14:45-16:45 hrs)**

I	II	III	IV	V
<p><b>Post-harvest technologies for horticultural crops (Fruits &amp; Vegetables)</b></p> <p><b>Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. K.V. Peter</b>, Ex-VC, KAU and Ex-Director, IISR</li> <li><b>Prof. Ayodhya Prasad</b>, Ex-Dean, CSAUAT, Kanpur</li> </ol> <p><b>Co-Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. G.S. Gaur</b>, Ex-HOD, Hort. CSAUAT, Kanpur</li> <li><b>Dr. T. Usmani</b>, PVC, IUL</li> </ol> <p><b>Rapporteurs:</b></p> <ol style="list-style-type: none"> <li>Dr. D.K. Srivastava, UPCST</li> <li>Dr. A.K. Bhattacharjee, CISH</li> </ol> <p><b>Lead Speakers:</b></p> <ol style="list-style-type: none"> <li>Post-harvest initiatives of AVRDC in Asia- <b>Dr. Arshad Pal</b>, AVRDC Centre, Hyderabad</li> <li>Emerging trends in post-harvest technologies of horticultural crops- <b>Dr. A.K. Singh</b>, MD, NHB, Gurgaon</li> <li>Global Post-harvest research thrust in vegetable crops- <b>Dr. B. Singh</b>, Director, IIVR.</li> <li>Recent approaches in post-harvest management of cut flowers-<b>Dr. Ranjan Srivastava</b>, Prof. and Head, Horticulture and floriculture, GBPUAT, Pantnagar.</li> <li>Development of value added cheese with incorporation of fruits and vegetables- <b>Dr. Virginia Paul</b>, College of Home Science, SHIATS, Allahabad</li> <li>Problems and prospects of marketing</li> </ol>	<p><b>Post-harvest technologies for cereals, pulses, oilseeds and sugar crops</b></p> <p><b>Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. Arvind Kumar</b>, VC, R.L.B. CAU, Jhansi</li> <li><b>Prof. Yang Rui Li</b>, Director, Sugarcane Research Center of CAAS, Nanning, P.R. China</li> </ol> <p><b>Co-Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. Masood Ali</b>, Ex-Director, IIPR</li> <li><b>Dr. Aqil Ahmad</b>, Prof. of Eminence, IUL</li> </ol> <p><b>Rapporteurs:</b></p> <ol style="list-style-type: none"> <li>Dr. Sujit Kumar, UPCAR</li> <li>Dr. N. Manika, NBRI</li> </ol> <p><b>Lead Speakers:</b></p> <ol style="list-style-type: none"> <li>Post-harvest management of sugarcane- <b>Dr. Y.R. Li</b>, Director, Sugarcane Research Institute, CAAS, PR China</li> <li>Overview of rice post-harvest situation in Vietnam-<b>Dr. Nguyen Thanh Nghi</b>, Ph. D. Director, Center for Agricultural Energy and Machinery, Nong Lam University, Vietnam</li> <li>Specialty soybean through marker assisted breeding in India- <b>Dr. Vineet Kumar</b>, PS (Biochemistry), Directorate of Soybean Research, Indore</li> <li>New processing technology for</li> </ol>	<p><b>Post-harvest technologies for livestock, dairy, poultry and fishery products</b></p> <p><b>Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. M.P. Yadav</b>, Ex-VC, SVPUAT</li> <li><b>Dr. S.L. Goswami</b>, VC., BUAT, Banda</li> </ol> <p><b>Co-Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. Shanker Lal Garg</b>, Pro-Vice Chancellor, Oriental University, Bangalore</li> <li><b>Dr. Nadeem Akhtar</b>, Director, PR, IUL</li> </ol> <p><b>Rapporteurs:</b></p> <ol style="list-style-type: none"> <li>Dr. SharadYadav, DUVASU</li> <li>Dr. Balvir Singh, UPCAR</li> </ol> <p><b>Lead Speakers:</b></p> <ol style="list-style-type: none"> <li>Recent poultry processing techniques for value addition and income generation- <b>Dr. Ajit Singh Yadav</b>, PS, CARI, Izatnagar.</li> <li>Applications of Post Harvest Technology in Preservation and consolidation of precious milk solids- <b>Dr. Shivashrya Singh</b>, Ex-JDR, NDRI</li> <li>Enhancement of profitability by diversified dairy products- <b>Dr. Shahaj Uddin Ahmed</b>, DBT, Govt. of India</li> <li>Feed processing</li> </ol>	<p><b>New and emerging technologies in post-harvest treatment, quality control, packaging, transport and distribution of agricultural produce</b></p> <p><b>Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr. S.P. Tiwari</b>, Ex-DDG, ICAR</li> <li><b>Dr. Mathew Prasad</b>, VC-UUHF, Uttarakhand</li> </ol> <p><b>Co-Chairman</b></p> <ol style="list-style-type: none"> <li><b>Dr. Anil K. Tripathi</b>, Director, CIMAP</li> <li><b>Dr. Syed Aqeel Ahmad</b>, IIAST, IUL</li> </ol> <p><b>Rapporteurs :</b></p> <ol style="list-style-type: none"> <li>Er. Ram Kishore, NDUAT</li> <li>Er. Anil Verma, CISH</li> </ol> <p><b>Lead Speakers:</b></p> <ol style="list-style-type: none"> <li>Thermal analysis of evaporative cold rooms- <b>Dr. Randolph Beaudry</b>, Professor and Graduate Programme Director, Michigan State University, USA</li> <li>Process and food engineering towards value addition in a range of products- <b>Prof. Samsher</b> SVPUAT, Meerut.</li> <li>Scenario of post-</li> </ol>	<p><b>Post-harvest technologies in context of climate change, socio-economic scenario and government regulations</b></p> <p><b>Chairman:</b></p> <ol style="list-style-type: none"> <li><b>Dr N.C. Gautam</b>, VC, MCGGVV, Chitrakoot</li> <li><b>Dr. Praveen Rao Koli</b>, IFS, APCCF, Kanpur</li> </ol> <p><b>Co-Chairman</b></p> <ol style="list-style-type: none"> <li><b>Dr. V.M. Prasad</b>, Hort., SHIATS</li> <li><b>Prof. Zafer Idris</b>, Dean, IIMSR, IUL</li> </ol> <p><b>Rapporteurs:</b></p> <ol style="list-style-type: none"> <li>Dr. Vinod K. Tewari, UPCAR</li> <li>Dr. Bipin Kumar, UPCAR</li> </ol> <p><b>Lead Speakers:</b></p> <ol style="list-style-type: none"> <li>Technological aspects for assuring food safety in food production chain- <b>Prof. R.P. Singh</b>, Ex-Dean, School of Environmental Sciences, BBAU</li> <li>Value addition of horticultural produce through fermentation- <b>Dr. Neelima Garg</b>, PHM, CISH</li> <li>Post-harvest technologies for cut flowers- <b>Dr. T. Janakiram</b>, ADG-Hort. ICAR</li> <li>Quality improvement and Value Addition in cucurbits- <b>Dr. Sudhakar Pandey</b>, IIVR</li> </ol>

<p>and post-harvest handling of citrus crops- <b>Dr. Sanjay Kumar</b>, BBAU</p>	<p>multigrain and soybean supplemented foods to combat malnutrition- <b>Dr. S.K. Chauhan</b>, Director, RFRAC, Lucknow</p> <p>5. Post-harvest technologies for cereals and potato-<b>Dr. Neelam Yadav</b>, Director, Inst. of Professional Studies, AU, Allahabad</p> <p>6. Variability in Mustard for various post harvest criterion-<b>Dr. Mahak Singh</b>, CSAUAT</p> <p>7. Diversified PHT of Sugarcane for benefit of farmers and sugarcane millers- <b>Dr. B.K. Yadav</b>, MD, Cane Federation, Lucknow</p>	<p>technologies to improve the bio-availability of nutrients in farm animals for sustainable production- <b>Dr. Vishwa Bandhu Chaturvedi</b>, IVRI, Izatnagar.</p> <p>4. Post-harvest fisheries: Present status and future prospects for human health and wealth- <b>Dr. R.N. Ram</b>, GBPUAT, Pantnagar.</p> <p>6. Post-harvest technology and fish diseases-<b>Dr. Neelima Gupta</b>, Ruhelkhand Univ.</p> <p>7. Spatio-temporal mapping of juvenile grounds: an approach to reduce harvest and post-harvest losses in marine fisheries- <b>Dr. T. Najmudeen</b>, Sr. Scientist, ICAR-CMFRI, Kerala</p>	<p>production processing and value addition in India: Current trends and future thrusts- <b>Dr. R. K. Gupta</b>, CIPHET, Ludhiana.</p> <p>4. Packaging of Litchi for better storability-<b>Dr. Vishal Nath</b>, Director, NRC, Litchi</p> <p>5. Recent advance in meat and meat products processing systems-<b>Dr. Vikas Pathak</b>, DUVASU</p>	
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16:45-17:00 hrs TEA

**Plenary Lecture II (17:00-18:15 hrs)**

Time	Place	Topic	Speaker
7:00-18:15 hrs	Plenary Address	Agriculture Education and Post-Harvest technology in India	<p><b>Chairman:</b></p> <p>1. <b>Dr. Gaya Prasad</b>, VC, SVBPUAT, Meerut</p> <p>2. <b>Dr. R.P Singh</b>, Ex-VC, MPUAT, Udaipur</p> <p><b>Co-Chairman:</b></p> <p>1. <b>Dr. M.L. Choudhary</b>, Ex-VC, BAU, Sabour</p> <p>2. <b>Prof. S.Z.H. Abidi</b>, Dean, Humanities &amp; Social Sciences, IUL, Lucknow</p> <p><b>Rapporteurs:</b></p> <p>1. Dr. Sudhakar Pandey, IIVR</p> <p>2. Dr. Sanjeev Kumar, UPCAR</p> <p><b>Keynote Speaker:</b></p> <p><b>Dr. Mangala Rai</b>, Ex-Vice-Chancellor, GBPUAT, Pantnagar and Ex-Secretary, DARE and Ex-DG, ICAR</p>

19:00-20:30 hrs	<b>CULTURAL PROGRAMME</b>			
20:30 hrs	<b>DINNER</b>			
<b>11 November - 2016 - Friday - day 2</b>				
<b>Plenary Lecture III (9:00-10:15 hrs)</b>				
<b>Time</b>	<b>Place</b>	<b>Topic</b>	<b>Speaker</b>	
9:00-10:15 hrs	Central Auditorium, IUL	<b>Atmosphere control in packages and CA rooms: Biology, technology and future opportunities</b>	<b>Chairman:</b> 1. <b>Dr. A.K. Goyal</b> , President and CEO, Indo-US FREEE, USA 2. <b>Dr. J.S. Sandhu</b> , DDG, ICAR <b>Co-Chairman:</b> 1. <b>Dr. P.S. Pathak</b> , Ex-Director, IGFRI 2. <b>Prof. Jamal Mohammed Arif</b> , Dean R&D, IUL <b>Rapporteurs:</b> 1. Dr. M. Swapna, IISR 2. Dr. Sangeeta Chopra, IARI <b>Keynote Speaker:</b> <b>Dr. Randolph Beaudry</b> , Professor and Graduate Programme Director, Michigan State University, USA	
<b>Technical Session VI-X (10:15-12:15 hrs)</b>				
<b>VI</b>	<b>VII</b>	<b>VIII</b>	<b>IX</b>	<b>X</b>
<b>Post-harvest technologies for tuber, bulb, plantation and spices crops</b> <b>Chairman:</b> 1. <b>Dr. G. Kalloo</b> , Ex-VC, JNKVV 2. <b>Prof. H.H. Siddiqui</b> , Hony. Dean, Faculty of Pharmacy, IUL <b>Co-Chairman:</b> 1. <b>Dr. JSR Yadav</b> , Ex-Head, Vegetable Sci., CSAUAT, Kanpur 2. <b>Prof. Abdul Rahman Khan</b> , Dean Faculty of Science, IUL <b>Rapporteurs:</b>	<b>Agri-waste management, process engineering, energy management and popularization of low cost engineering storage structures</b> <b>Chairman:</b> 1. <b>Dr. R.C. Maheshwari</b> , Ex-VC, SDAU, Dantiwada 2. <b>Dr. Bachchan Singh</b> , Ex-Dean College of Engg, GBPUAT <b>Co-Chairman</b> 1. <b>Dr. A. Broadway</b> , SHIATS 2. <b>Prof. Aftab Alam</b> , Dean, IUL <b>Rapporteurs:</b> 1. Er. S.I. Anwar, IISR 2. Dr. Ambreesh S. Yadav, UPCAR <b>Lead Speakers:</b>	<b>Challenges in post-harvest research and development: Stakeholders-academia viewpoints</b> <b>Chairman:</b> 1. <b>Dr. S.R. Singh</b> , Ex-VC, RAU 2. <b>Prof. R.P. Singh</b> , Ex-Head, GPB, CSAUAT, Kanpur <b>Co-Chairman</b> 1. <b>Dr. A.N. Rai</b> , NSTMIS, DST, Govt. of India, New Delhi 2. <b>Dr. P.K. Singh</b> , Registrar, NDUAT, Faizabad <b>Rapporteurs:</b> 1. <b>Er. Jaibeer Singh</b> , SVBPUAT, Meerut 2. Er. M.D. Singh, Ex-Head,	<b>Genetic engineering and biotechnological interventions for post-harvest storage enhancement</b> <b>Chairman:</b> 1. <b>Dr. N.K. Singh</b> , Centre for Plant Biotechnology, IARI, New Delhi 2. <b>Dr. K.C. Bansal</b> , Ex-Director, NBPGR <b>Co-Chairman</b> 1. <b>Dr. K.P. Singh</b> , VC, HAU 2. <b>Prof. P.K. Seth</b> , Senior Advisor and Ex-Director, Biotech Park <b>Rapporteurs:</b> 1. Dr. Priyanka Singh, UPCSR	<b>Breeding strategies and applications for post-harvest storage enhancement</b> <b>Chairman:</b> 1. <b>Dr. P.K. Gupta</b> , Emeritus Scientist, CCSU, Meerut 2. <b>Dr. S.S. Singh</b> , Ex. Director, DWR <b>Co-Chairman</b> 1. <b>Dr. S.K. Barik</b> , Director, NBRI, Lucknow 2. <b>Dr. B.B. Singh</b> , Ex. Head, Genetics, IARI <b>Rapporteurs:</b> 1. Dr. Sujit Kumar, UPCAR 2. Dr. K.M Singh, SVPUAT Meerut

<p>1. Dr. Sudhir K. Shukla IISR 2. Dr. Bharati Killadi, CISH</p> <p><b>Lead Speakers:</b></p> <p>1. Post-harvest technologies of plantation crops- <b>Dr. Chowdappa P.</b>, Director, CPCRI, Kasaragod 2. An overview of post-harvest practices in spices- <b>Dr. K.V. Peter</b>, Ex-VC, KAU 3. Post-harvest management in onion- <b>Dr. R.P. Gupta</b>, Director, NHRDF, Nasik</p>	<p>1. Post-harvest technologies for sugarcane based products- <b>Dr. Jaswant Singh</b>, PC, IISR 2. Solar evaporated cooled structures for storage of fruits and vegetables- <b>Dr. Sangeeta Chopra</b>, IARI, New Delhi. 3. Export protocol for mango-<b>Er. M.D. Singh</b>, Ex-Head, CISH 4. Roadmap to Enhance Power Generation per ton of cane from Sugarcane Biomass- <b>Mr. Vivek Verma</b>, MD, Spray Engineering Devices, Mohali, Punjab 5. Value added products from horticultural wastes- <b>Dr. Rupa Upadhyay</b>, Lady Irwin College, DU 6. Change in phenol, flavonoids and free radical scavenging activities during ripening process-<b>Dr. Sachidananda Swain</b>, Scientist, CARI</p>	<p>CISH</p> <p><b>Lead Speakers:</b></p> <p>1. Reduction of post harvest losses through ambient management in conventional storage- <b>Dr. Nutan Kaushik</b>, Adj. Faculty, TERI, New Delhi 3. Export opportunities in Amla and Bael products-<b>Alok Khandelwal</b>, Indica Industry, Pratapgarh 4. Paradigm of post-harvest technologies in value addition in fruits and vegetables-<b>Prof. Sanjay Pathak</b>, Head, PHT, NDUAT 5. Challenges in vegetable processing - <b>Dr. Mathura Rai</b>, Ex- Director, IIVR 6. Skill development in agriculture sector through lac craft and pearl cultivation- <b>Dr. B.K. Dwivedi</b>, BRIATS, Allahabad</p>	<p>2. Dr. Ashwini Yadav, UPCAR</p> <p><b>Lead Speakers:</b></p> <p>1. Biotech approaches and post-harvest issues in agriculture- <b>Dr. Dinesh Yadav</b>, Prof. DDU, Gorakhpur 2. Development of genomic and transcriptomic resources for gene discovery and genetic enhancement in chickpea- <b>Dr. Sabhyata Bhatia</b>, NIPGR, New Delhi 3. Linseed improvement through molecular approaches for major processing trades – <b>Dr. Hament K. Yadav</b>, NBRI 4. Biotechnology in relation to post-harvest management in agriculture- <b>Dr. Anil Sirohi</b>, SVPUAT, Meerut</p>	<p><b>Lead Speakers:</b></p> <p>1. Breeding interventions in rice to reduce post-harvest losses- <b>Dr. J.L. Dwivedi</b>, Ex-Head, RRS-Masoda, NDUAT, Faizabad 2. Breeding for enhancement of storability in rice- <b>Dr. Suresh Babu G.</b>, GPB, SHIATS 3. Biotechnological approaches for post-harvest loss reduction in rice- <b>Dr. K.N. Singh</b>, Head, Biotechnology, NDUAT 4. Breeding strategy for development of iron and zinc rich rice variety- <b>Dr. Vijay K. Yadav</b>, CSAUAT, Kanpur 5. Various strategies to develop cucurbits suitable for processing- <b>Prof. Hari Har Ram</b>, Ex- Head, Vegetable Science, GBPUAT, Pantnagar</p>
12:15-12:30 hrs		TEA		
<b>Plenary Lecture IV (12:30-13:45 hrs)</b>				
<b>Time</b>	<b>Place</b>	<b>Topic</b>	<b>Speaker</b>	
12:30-13:45 hrs	Central Auditorium, IUL	<b>Present status of post-harvest losses in agricultural produce</b>	<p><b>Chairman:</b></p> <p>1. <b>Dr. M.L. Chaudhary</b>, Ex. VC, BAU, Sabour, Bihar 2. <b>Dr. M.J. Khan</b>, Chairman, ICFA, New Delhi</p> <p><b>Co-Chairman:</b></p> <p>1. <b>Dr. Mathura Rai</b>, Ex. Director, IIVR 2. <b>Dr. D.V.K. Samuel</b>, Ex-Head, IARI</p> <p><b>Rapporteurs:</b></p> <p>1. Dr. Sanjeev Kumar, ADG-UPCAR 2. Dr. Hemant Yadav, NBRI</p>	

			<b>Keynote Speaker:</b> <b>Dr. K.L. Chadha</b> , Ex-DDG (Horticulture) and National Professor (ICAR)	
13:45-14:45 hrs	<b>LUNCH</b>			
<b>Technical Session XI-XV (14:45-16:45 hrs)</b>				
<b>XI</b>	<b>XII</b>	<b>XIII</b>	<b>XIV</b>	<b>XV</b>
<b>Physiological &amp; biochemical applications for post-harvest storage enhancement</b> <b>Chairman:</b> 1. <b>Dr. H.S. Gupta</b> , Ex-DG BISA, New Delhi 2. <b>Dr. B.C. Tripathi</b> , Ex-VC, Ravenshaw University, Cuttuck <b>Co-Chairman</b> 1. <b>Prof. S.M.A. Khalid</b> , Dean, Student Welfare & Head, EVS, IU 2. <b>Dr. Kapil Lawrence</b> , SHIATS <b>Rapporteurs:</b> 1. Dr. V.K. Singh, CISH 2. Dr. N.B. Singh, CSAUAT <b>Speakers:</b> 1. Synergy between plant physiology and post-harvest technology- <b>Dr. Arun Goyal</b> -President and CEO, Indo-US FREEE, USA 2. Biotech approaches in post-harvest technologies of sugarcane- <b>Dr. Amresh Chandra</b> , IISR, Lucknow 3. Biochemical changes in pulses during processing and storage - <b>Dr. Jagdish Singh</b> , PS, IIPR 4. Protein profiling in long term	<b>Innovative schemes for technology up-gradation, establishment and modernization of food processing industries</b> <b>Chairman:</b> 1. <b>Dr. Panjab Singh</b> , Ex-DG, ICAR and Ex- Secy. DARE 2. <b>Dr. Basant Ram</b> , Ex-VC, NDUAT <b>Co-Chairman:</b> 1. <b>Dr. R.P. Katiyar</b> , Ex-DR, CSAUAT, Kanpur 2. <b>Dr. Sunita Mishra</b> , Dean, BBAU, Lucknow <b>Rapporteurs:</b> 1. Dr. Hari Har Ram, UPCAR 2. Dr. Sangeeta Srivastava, IISR <b>Speakers:</b> 1. Support for post-harvest losses reduction by <b>FAO-Bir Mandal</b> , Dy. FAOR, DPR, Korea 2. Identification of trait specific donors across mango biodiversity for reduction of post-harvest losses and better processing quality - <b>Dr. Shailendra Rajan</b> , Director, CISH 3. Modern techniques of vegetable processing- <b>Dr. Bijendra Singh</b> , Director, IIVR 4. Various techniques of seed processing with an objective of long term storage and minimum loss- <b>Dr. R.P. Katiyar</b> , Ex-	<b>Capacity building and entrepreneurship development in post-harvest technologies for rural prosperity</b> <b>Chairman:</b> 1. <b>Dr. H.P. Singh</b> , Ex-DDG (Hort.) 2. <b>Dr. M.P. Singh</b> , Ex-VC, CAU, Manipur <b>Co-Chairman</b> 1. <b>Dr. Rajendra Singh</b> , VC, CSAUAT, Kanpur 2. <b>Dr. Neelam Yadav</b> , Director, IPS, Allahabad <b>Rapporteurs:</b> 1. Dr. Salman Ahmad, IUL 2. Dr. Neelima Garg, CISH <b>Speakers:</b> 1. Opportunities in post-harvest technologies for horticultural crops appropriate to Indian socioeconomic conditions- <b>Dr. R.T. Patil</b> , former Director, CIPHET 2. Developments in processing of mushrooms for domestic consumption and export- <b>Dr. R.P. Singh</b> Professor, GBPUAT, Pantnagar 3. Soy food based entrepreneurship development through capacity building-	<b>Molecular breeding interventions for post-harvest storage enhancement</b> <b>Chairman:</b> 1. <b>Dr. D.L. Maheswar</b> , VC, Univ. of Horticultural Sciences, Karnataka 2. <b>Dr. R.C. Chaudhary</b> , PRDF, Gorakhpur <b>Co-Chairman</b> 1. <b>Dr. A.D. Pathak</b> , Director, IISR 2. <b>Dr. J.P. Srivastava</b> , Ex-Head, Vegetable Sci, CSAUAT <b>Rapporteurs:</b> 1. Dr. Saba Siddiqui, IIAST, IU, Lucknow 2. Dr. Ashwani Kumar, UPCAR <b>Speakers:</b> 1. Improvement in mustard for better storability through molecular approaches- <b>Dr. M.I. Ansari</b> , Dept. of Botany, LU, Lucknow 2. Enhancement of active ingredient in Ashwagandha with intervention of molecular breeding- <b>Dr. Neelam S. Sangwan</b> , CIMAP 3. Breeding interventions in medicinal plants to reduce	<b>Biodiversity exploitation for post-harvest storage enhancement</b> <b>Chairman:</b> 1. <b>Dr. R.R Hanchinal</b> , Chairman, PPVFRA, New Delhi 2. <b>Dr. S.P.S. Khanuja</b> , Ex-Director, CIMAP <b>Co-Chairman</b> 1. <b>Dr. Jaswant Singh</b> , Ex-PC-PHT, IISR 2. <b>Dr. D.K. Upreti</b> , Act. Director, NBRI, Lucknow <b>Rapporteurs:</b> 1. Dr. N. Manika, NBRI 2. Dr. Malik Mobeen Ahmad, IUL <b>Speakers:</b> 1. Exploitation of biodiversity in hill crops for enhancing post-harvest attributes- <b>Dr. S.K. Verma</b> , NBPGR Regional Station, Bhowali 2. Availability of germplasm with potentiality of enhanced storage in various crops - <b>Dr. S.K. Dubey</b> , NBPGR 3. Upscaling Traditional Post-Harvest Innovations : Experience of Biodiversity-Rich North East India - <b>Dr. Sudhir Kochhar</b> , Ex. National Coordinator NAIP (ICAR)

storage of wheat and barley- <b>Dr. N.B. Singh</b> , Ex- Prof. CSAUAT, Kanpur	Director, CSAUAT 5. Post harvest technology for quality seed production- <b>Prof. R.D.S. Yadav</b> , Dean, College of Engineering, NDUAT, Faizabad 6. Enhancing storability of potato with application of homeo-organic preparations- <b>Swami Parmanand</b> , VIMASES, Mathura	approach for nutritional security- <b>Dr. S.D. Kulkarni</b> , CIAE, Bhopal 4. Prospects of mango processing in UP- <b>Dr. Neelima Garg</b> , PHT, CISH 5. Extension strategies in relation to Post-harvest management of agriculture produce- <b>Dr. Atar Singh</b> , ICAR-Atari, Kanpur 6. Entrepreneurship development in youth through skill development in post harvest sector of agriculture - <b>Dr. J.P. Yadav</b> , Dean, BRACAE, Etawah. 7. Entrepreneurship development through post harvest processing of medicinal and aromatic plants - <b>Dr Sudeep Tondon</b> Sr. Principal Scientist, CIMAP	post-harvest losses- <b>Dr. A.K. Shasany</b> , PS, CIMAP	4. Judicious use of chemical pesticides in vegetable crops: A tool of post-harvest technology for sustainable food and nutritional security- <b>Dr. S.S. Singh</b> , KVK, Dehradun
16:45-17:00 hrs	<b>TEA</b>			
<b>Celebration of Maulana Abul Kalam Azad Jayanti and Plenary Lecture V (17:00-18:15 hrs)</b>				
<b>Time</b>	<b>Place</b>	<b>Topic</b>	<b>Speaker</b>	
17:00-18:15 hrs	Central Auditorium, IUL	<b>Future agriculture scenario in backdrop of climate change</b>	<b>Chairman:</b> 1. <b>Padma Bhushan Dr. V.L. Chopra</b> , Ex-DG-ICAR 2. <b>Prof. Javed Musarrat</b> , VC, BGSB University, Rajouri, J&K <b>Co-Chairman:</b> 1. <b>Dr. S.D. Singh</b> , Ex-ADG, ICAR 2. <b>Dr. U.N. Dwivedi</b> , PVC, LU, Lucknow <b>Rapporteurs:</b> 1. <b>Dr. Harihar Ram</b> , UPCAR 2. <b>Dr. Bipin Kumar</b> , UPCAR <b>Keynote Speaker:</b> <b>Dr. R.B. Singh</b> , Chancellor, Central Agric. Univ., Manipur, Imphal	
18:15-20:15 hrs	<b>VISIT THE CITY OF NAWABS</b>			
20:30 hrs	<b>DINNER</b>			

<b>12 November - 2016 - Saturday - Day 3</b>			
<b>Plenary Lecture VII (9:00-10:15 hrs)</b>			
<b>Time</b>	<b>Place</b>	<b>Topic</b>	<b>Speaker</b>
9:00-10:15 hrs	Central Auditorium, IUL	Secondary Agriculture and Beyond: The root to Bioentrepreneurship	<b>Chairman:</b> 1. <b>Dr. A.K. Singh</b> , VC, RVSKVV, Gwalior, MP 2. <b>Dr. Anis Ansari</b> , Ex-APC <b>Co-chairman:</b> 1. <b>Dr. Mohd. Aslam</b> , Advisor, DBT, Govt. of India 2. <b>Dr. B.K. Yadav</b> , MD, Cane Federation, Lucknow <b>Rapporteurs:</b> 1. Dr. Hari Har Ram, UPCAR 2. Dr. Sanjeev Kumar, UPCAR <b>Keynote Speaker:</b> <b>Dr. S.P.S. Khanuja</b> , Ex-Director, CIMAP
<b>Technical Session XVI - XVIII</b>			
<b>XVI</b> (10-11-2016) - 15:00-18:00 hrs		<b>XVII</b> (11-11-2016) - 15:00-18:00 hrs	<b>XVIII</b> (12-11-2016) -10:15-11:30 hrs
<b>Poster Session-1</b>		<b>Poster Session-2</b>	<b>Intellectual Property Right Issues, Technology Transfer and Business incubation in relation to Agriculture</b>
Central Auditorium, IUL		Central Auditorium, IUL	Corridor, Central Auditorium, IUL
<b>Interactive Poster Session:</b> <b>Chairman</b> 1. <b>Dr. S. Solomon</b> , Ex-Director, IISR 2. <b>Prof. Li Tao Yang</b> , SRI, Guangxi University P.R. China <b>Co-chairman:</b> 1. <b>Dr. Vishal Nath</b> , NRC, Litchi 2. <b>Dr. J.P. Yadav</b> , Dean, BRACAE, Etawah <b>Members:</b> 1. <b>Prof. Vijay Yadav</b> , CSAUAT-Co-ordinator 2. <b>Dr. Saba Siddiqui</b> , IUL 3. <b>Dr. Malik Mobeen</b> , IUL 4. <b>Dr. Deeksha Joshi</b> , IISR 5. <b>Dr. Pinki Saini</b> , IPS, AU 6. <b>Dr. Sadhna Vaishya</b> , CSAUAT 7. <b>Dr. Sandhya Yadav</b> , UPCAR		<b>Interactive Poster Session:</b> <b>Chairman</b> 1. <b>Prof. Li Tao Yang</b> , SRI, Guangxi University P.R. China 2. <b>Dr. O.P. Singh</b> , Ex-Director, Extn. Edu., SVPUAT <b>Co-chairman:</b> 1. <b>Dr. Bijendra Singh</b> , Director, IIVR 2. <b>Dr. S. Rajan</b> , Director, CISH <b>Members:</b> 1. <b>Prof. Vijay Yadav</b> , CSAUAT-Co-ordinator 2. <b>Prof. Neelam Patak</b> , IUL 3. <b>Prof. Iffat Zareen Ahmad</b> , IUL 4. <b>Dr. Alvina Farooqui</b> , IUL 5. <b>Dr. Salman Ahmad</b> , IUL 6. <b>Dr. Balvir Singh</b> , UPCAR	<b>Chairman:</b> 1. <b>Prof. Akhtar Haseeb</b> , VC, NDUAT 2. <b>Dr. Sanjeev Saxena</b> , ADG (IP&TM), ICAR <b>Co-chairman:</b> 1. <b>Dr. M.K.J. Siddiqui</b> , Director, UPCST 2. <b>Dr. Shailesh Markar</b> , Director Research, SHIATS <b>Rapporteurs:</b> 1. Dr. Renu Yadav, AMITY Univ., NOIDA 2. Dr. Shweta Srivastava, UPCAR <b>Speakers:</b> 1. Intellectual Property Right: An Overview - <b>Dr. Sujit Kumar</b> , UPCAR, Lucknow 2. Registration of Geographical Indication for Agricultural Process and Produce- <b>Dr. R.C. Chaudhary</b> , PRDF, Gorakhpur 3. Establishment of Business Incubation Centre Based on Agricultural Inventions- <b>Dr. Rahul Srivastava</b> , New Delhi



8. <b>Dr. Aslam Yusuf</b> , IUL	7. <b>Dr. Bipin Kumar</b> , UPCAR 8. <b>Dr. Sangeeta Yadav</b> , UPCAR	4. Protection of microbial diversity and their exploitation in India - <b>Dr. Renu</b> , NBAIM, Mau 5. IP issues related to Pharmaceutical sectors- <b>Dr. Shashi Rana</b> , UPCST
11:30-11:45 hrs	<b>TEA</b>	
<b>Plenary Lecture VII (11:45-13:00 hrs)</b>		
11:45-13:00 hrs	<b>Central Auditorium, IUL</b>	<b>Present status of post-harvest losses in livestock, dairy, poultry and fishery products</b>  <b>Chairman:</b> 1. <b>Dr. M.D. Pathak</b> , Ex-DG, UPCAR 2. <b>Dr. K.M.L. Pathak</b> , VC, DUVASU, Mathura <b>Co-Chairman:</b> 1. <b>Dr. Kuldeep K. Lal</b> , Director, NBFGR, Lucknow 2. <b>Dr. Y.P. Singh</b> , Dean Vet. Science, SVPUAT, Meerut <b>Rapporteurs:</b> 1. Dr. V.B. Chaturvedi, PS, Animal Nutrition, IVRI, Bareilly 2. Dr. Balvir Singh, UPCAR <b>Keynote Speaker:</b> <b>Dr. M.P. Yadav</b> , Ex-VC SVPUAT, Meerut
13:00-14:00 hrs	<b>LUNCH</b>	
14:00-16:00 hrs	<b>PANEL DISCUSSION</b>	
	<b>Panel Discussion:</b> <b>Chairman:</b> 1. <b>Padma Bhushan Dr. V.L. Chopra</b> , Ex-DG-ICAR 2. <b>Padam Bhushan Dr. R.B. Singh</b> , Chancellor-CAU, Ex-Chairman, ASRB, Ex-Director, IARI and Ex-ADG, FAO, Bangkok 3. <b>Dr Panjab Singh</b> , Chancellor Rani Lakshmi Bai Central Agric. Univ. Jhansi and Ex Secretary, DARE & DG, ICAR 4. <b>Dr. Anis Ansari</b> , Ex-APC, Govt. of UP <b>Co-Chairman :</b> 1. <b>Dr. D.L. Maheswar</b> , VC, Univ. of Horticultural Sciences, Karnataka 2. <b>Prof. Javed Musarrat</b> , VC, BGSB University, Rajouri, J&K 3. <b>Dr. J.S. Sandhu</b> , DDG, ICAR 4. <b>Prof. Atul Saxena</b> , Director Research, DUVASU, Mathura <b>Rapporteurs:</b> 1. Hari Har Ram, Ex-Prof. and Head, Veg. Sci. GBPUAT 2. Dr. Sanjeev Kumar, UPCAR <b>Panelists:</b> <b>Dr. R.B. Lal</b> , VC, SHIATS, <b>Dr. Akhtar Haseeb</b> , VC, NDUAT, <b>Dr. Gaya Prasad</b> , VC, SVPUAT, <b>Dr. K.M.L. Pathak</b> , VC, DUVASU, <b>Dr. N.S. Rathore</b> , DDG (Education), ICAR, <b>Dr. A.N. Mukhopadhyay</b> , Ex-VC, AAU, <b>Dr. R.P. Singh</b> , Ex-Vice Chancellor, MPUAT, <b>Dr. G.C. Tiwari</b> , Ex-VC, CSAUAT, <b>Dr. K.N. Tiwari</b> , <b>Dr. Anis Ansari</b> , Ex-APC, GOUP, <b>Dr. Bangali Baboo</b> , Chairman, Agri-Innovation Foundation, and Ex-National Director, NAIP, <b>Dr. C.P.S. Yadav</b> , Ex-DG, UPCAR, <b>Dr. G.C. Tiwari</b> , Ex.VC, CSAUAT, Kanpur, <b>Dr. M.J. Khan</b> , Chairman, Indian Council of Food and Agriculture, <b>Mr. Insrām Ali</b> ,	

	President All India Mango Growers Association, <b>Dr. M.P. Singh</b> , Ex-VC, CAU, <b>Dr. R.C. Sobti</b> , VC, BBAU, <b>Dr. S.B. Nimse</b> , VC, Lucknow University, <b>Lt. General (Rtd.) Zameeruddin Shah</b> , VC, AMU, <b>Dr. Ramesh Yadav</b> , IAS, Advisor, Agriculture, GOUP., <b>Dr. Satyen Yadav</b> , Chairman, Indian Potatoes Ltd. and President, Horticulture Management Institute, <b>Director</b> , Agriculture, UP, <b>Director</b> , Horticulture and Food Processing, UP, <b>Director</b> , Animal Husbandry, UP, <b>Director</b> , Fisheries, UP, <b>Dr. S.P.S. Khanuja</b> , Director, Skis Technologies, Pvt. Ltd., <b>Mr. Insram Ali</b> , President, All India Mango Growers Association, <b>Dr. M.P. Pandey</b> , Ex-Director, CRRI and Ex-VC, IGKVV and BMUAT, <b>Dr. R.C. Chaudhary</b> , Chairman, PRDF, Gorakhpur, <b>Dr. R.P. Singh</b> , Director, IAgSc, BHU, <b>Dr. Kuldeep K. Lal</b> , Director, NBFGR, <b>Dr. JSR Yadav</b> , Ex-HoD, Vegetable Science, CSAUAT.
16:00-17:30 hrs	<b>VALEDICTORY SESSION</b>
	<b>Chief Guest:</b> <b>Sri. Avinash K. Srivastava</b> , IAS, Secretary, MFPI, GOI, New Delhi <b>Guests of Honour:</b> 1. <b>Sri Pradip Kr. Bhatnagar</b> , IAS, Agriculture Production Commissioner, GOUP 2. <b>Principal Secretary</b> , DARE, GOUP
<b>19:00</b> hrs	<b>DINNER</b>