# Scientific Program

## 7th Indo-Global Summit and Expo on

# Food & Beverages

**October 08-10, 2015 New Delhi, India**



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## Day 1 October 08, 2015

**09:00-09:30** Registrations

HALL

**09:30-10:10** **Opening Ceremony**

### Keynote Forum

**10:10-10:15** Inroduction

**10:15-10:40** **Ram Roshan Sharma**
Indian Agricultural Research Institute, India

**10:40-11:05** **Hari Niwas Mishra**
Indian Institute of Technology-Kharagpur, India

**Group Photo**

**Networking & Refreshments 11:05-11:20**

**11:20-11:45** **Rakesh Kumar gupta**
SKAUST-JAMMU, India

### Special Session

**11:45-12:30** **Title: Characterization and quantification of bio- active compounds in pseudo-cereals for nutritional security**

**Rashmi Yadav,** National Bureau of Plant Genetic Resources, India

**Track 1: Food Science & Post Harvesting Technology**
**Track 2: Food Production & Sustainability**
**Track 4: Emerging Technologies in Food and Beverage Industry**

**Session Chair: Ram Roshan Sharma,** Indian Agricultural Research Institute, India

**Session Co-Chair: Hari Niwas Mishra,** Indian Institute of Technology-Kharagpur, India

**Session Introduction**

**12:30-12:50** **Title: *Maranta arundinacea*-encouraging results with non-chemical (organic) farming techniques in village of Bhopal district-an effort through awareness and capacity building:**

**Padma Harshan,** Society for Human Welfare & Environmental Furtherance , India

**12:50-13:10** **Title: Xanthan gum: Stabilizer and emulsifier for future in Guava-watermelon blended squash**

**J Shankaraswamy,** Amity International Centre for Post Harvest Technology and Cold Chain Management, India

**13:10-13:30** **Title: NIRS based food quality assessment approaches for cereals, oilseeds, pulses, fruits and vegetables**

**Rakesh Bhardwaj,** ICAR-NBPGR , India

**Lunch Break 13:30-14:15**

### Special Session

**14:15-15:00** **Title: Prebiotic from lignocellulosic materials**

**Asish Kumar Samanta,** National Institute of Animal Nutrition and Physiology, India

**Track 4: Emerging Technologies in Food and Beverage Industry**
**Track 7: Advances of Nanotechnology in Food**
**Track 11: Defence Against Food Fraud**

**Session Chair: Ram Roshan Sharma,** Indian Agricultural Research Institute, India

**Session Co-Chair: Hari Niwas Mishra,** Indian Institute of Technology-Kharagpur, India

**Session Introduction**

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|---|---|
| 15:00-15:20 | **Title: Development of a solar tunnel drier and quality analysis of dried food products**<br>**A Sreekumar,** Pondicherry Central University, India |
| 15:20-15:40 | **Title: Biosensors for monitorinh heavy metals, pesticides and aflatoxins in milk**<br>**Hardeep Kaur,** Central University of Punjab, India |
| 15:40-16:00 | **Title: Physicochemical and phytochemical composition of banana central core juice and juice powder**<br>**KrithikaV,** PSG College of Arts and Science, India |
| 16:00-16:20 | **Title: Consumers perception and attitudes about the probiotic foods in Indian market**<br>**Shalini Sehgal,** Bhaskaracharya College of Applied Sciences, India |
| | **Networking & Refreshments 16:20-16:30** |
| **16:00-17:30** | **Poster Session** |
| **Session Judge 1: Ram Roshan Sharma,** Indian Agricultural Research Institute, India<br>**Session Judge 2: Dinesh Kumar,** Indian Agricultural Research Institute, India<br>**Session Judge 3: Rakesh Kumar gupta,** SKAUST-JAMMU, India | |
| **FI-01** | **Title: Availability, nutritional quality and health benefits of soya bean (Glycine max): A review**<br>**Duraimurugan K** & **Swetha Shaw,** Indian Institute of Engineering Science and Technology, India |
| **FI-02** | **Title: Effect of ultrasonication on the phytochemical potential of dried pomegranate peel and pomegranate pomace powder.**<br>**Gagandeep Kaur,** Lovely Professional University, India |
| **FI-03** | **Title: Salicylic acid reduces the incidence of lenticels browning and improves fruit quality of mango**<br>**K Prasad,** Indian Agricultural Research Institute, India |
| **FI-04** | **Title: Changes in nutrient and phytochemical content after precooking processing in the shoots of two Bambusa species**<br>**Kanchan Rawat** & **Natasha Saini,** Panjab University, India |
| **FI-05** | **Title: Effect of ohmic heating on stability of rice bran stored under ambient and refrigeration conditions**<br>**Kaunsar Jabeen Shinwari,** Indian Institute of Technology Kharagpur, India |
| **FI-06** | **Title: Biochemical characterization of gamma-glutamyl transpeptidase from *Bacillus atrophaeus*: Prospective debittering enzyme for food industry**<br>**Meenu Saini,** University of Delhi, India |
| **FI-07** | **Title: Quality evaluation of wheat-legume flour blends and their utilization in baked products**<br>**Nancy Thakur,** Lovely Professional University, India |
| **FI-08** | **Title: Effect of infrared heating on the infestation control of Bengal gram dhal (*Cicer arietinum*)**<br>**Neha Negi,** Defense Food Research Laboratory, India |
| **FI-09** | **Title: Development of *Aloe Vera* based edible coating for improvement of quality and shelf life of guava**<br>**Nistha Lamsal,** Lovely Professional University, India |
| **FI-10** | **Title:Optimization of pomegranate peel concentration and blanching time for preparation of antioxidant rich instant ginger candy by response surface methodology**<br>**Prakriti Jnawalil,** Lovely Professional University, India |
| **FI-11** | **Title: To study the phytochemical potential of different types of tea collected from different regions**<br>**Precieuse Kavota Mwendivwa,** Lovely Professional University, India |
| **FI-12** | **Title: PCR-based diagnostics for genetically modified eggplant and potato**<br>**Ruchi Sharma,** National Bureau of Plant Genetic Resources, India |
| **FI-13** | **Title: Health benefits of anthocyanins**<br>**Suchanda Guha,** All India Institute of Hygiene and Public Health, India |

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| FI-14 | **Title: Bioactive compounds in traditional fermented bamboo shoots of Manipur**<br>**Thounaojam Premlata,** Panjab University, India |
| FI-15 | **Title: Effect of different drying temperatures on the phytochemical potential of pomegranate peeland pomegranate pomace**<br>**Vanshika Handa,** Lovely Professional University, India |
| FI-16 | **Title: Effectiveness of different processing methods in preserving underlying bioactive potential ofbamboo shoots**<br>**Vivek Sharma ,** Panjab University, India |
| FI-17 | **Title: Development and shelf life study of amaranth cookies**<br>**Anirban Dey,**Lovely Professional University, India |
| FI-18 | **Title: Influence of black carrot powder incorporation on the functional properties of noodles**<br>**Navneet Kaur,**Lovely Professional University, India |
| FI-19 | **Title: Optimization of process parameters for carrot juice recovery using commercial enzyme**<br>**Parvinder Kaur,**Lovely Professional University, India |
| FI-20 | **Title: Green tea: Health benefits of green miracle drink**<br>**Bhupender Kaur,**Surajmal Girls College, India |

**Panel Discussion**

**Session Adjournment**

**Day 2 October 09, 2015**

## HALL

## Keynote Forum

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| 10:00-10:05 | **Inroduction** |
| 10:05-10:30 | **Debnath Chaudhuri**<br>All India Institute of Hygiene and Public Health, India |
| 10:30-10:55 | **Gurinder Jit Randhawa**<br>National Bureau of Plant Genetic Resources, India |

**Networking & Refreshments 10:55-11:15**

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| 11:15-11:40 | **Jagdish Singh**<br>Indian Institute of Pulses Research, India |
| 11:40-12:05 | **Dinesh Kumar**<br>Indian Agricultural Research Institute, India |

**Track 5: Agri-Biotechnology**
**Track 10: Food Regulatory Affairs**

**Session Introduction**

**Session Chair: Gurinder Jit Randhawa,** National Bureau of Plant Genetic Resources, India

**Session Co-Chair: Asish Kumar Samanta,** National Institute of Animal Nutrition and Physiology, India

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| 12:05-12:25 | **Title: Novel organic matrix based super granular microbial consortium for higher wheat productivity and soil enrichment**<br>**Rana Pratap Singh,** Babasaheb Bhimrao Ambedkar (Central) University, India |
| 12:25-12:45 | **Title: Improving C3 plant productivity by using cyanobacterial bicarbonate transporters**<br>**Sandhya Mehrotra,** Birla Institute of technology and science, India |
| 12:45-13:05 | **Title: DNA-based GMO Screening Strategies: Rapid monitoring the GM status of products in Food and Supply Chain**<br>**Monika Singh,** National Bureau of Plant Genetic Resources, India |
| 13:05-13:25 | **Title: Engineering plant genome for cold tolerance**<br>**Riffat John,** University of Kashmir, India |

**Lunch Break 13:25-14:15**

**Workshop**

**14:15-15:00** **Title: Protected cultivation technology for safe fresh food production**
**Balraj Singh,** National Research Centre on Seed Spices, India

**Track 3: Food, Nutrition & Health**
**Track 6: Fermentation Technology**
**Track 13: Food Hospitality, Logistics and Management**

**Session Introduction**

**Session Chair: Gurinder Jit Randhawa,** National Bureau of Plant Genetic Resources, India

**Session Co-Chair: Asish Kumar Samanta,** National Institute of Animal Nutrition and Physiology, India

**15:00-15:20** **Title: Genetic improvement for protein content and quality in coarse cereals**
**Jayant Bhat,** IARI, India

**15:20-15:40** **Title: Antioxidant, anti-diabetic and renal protective properties of *Stevia rebaudiana***
**Naveen Shivanna,** Defence Food Research Laboratory, India

**15:40-16:00** **Title: Lactuca sativa protects kainic acid-induced neurotoxicity in mice: evidence for neuroprotective effect**
**K R Anilakumar,** Defence Food Research Laboratory, India

**16:00-16:20** **Title: GM food labeling: The science, sense and stewardship of it**
**Pranjal Yadava,** Indian Institute of Maize Research, India

**Networking & Refreshments 16:20-16:40**

**16:40-17:00** **Title: Product development and role of prebiotics, probiotics and synbiotics in managing obesity, T2DM and undernutrition and its co-morbidities- a meta-analysis**
**Mini Sheth,** The Maharaja Sayajirao University of Baroda, India

**17:00-17:20** **Title: Selection of starter cultures for production of dry fermented Sausages**
**Rajkumar Berwal,** Post Graduate Institute of Veterinary Education & Research, India

**17:20-17:40** **Title: Production, optimization and characterization of wine from pineapple (*Ananas comosus Linn.*)**
**S Rajkumar Immanuel,** The American College, India

**Panel Discussion**

**Session Adjournment**

## Day 3 October 10, 2015

## HALL

### Keynote Forum

**11:00-11:05** **Inroduction**

**11:05-11:30** **Vala Keshava Rao**
Indian Institute of Horticultural Research, India

**11:30-11:55** **Prabhat Kumar Malaviya**
Central arid Zone research Institute, India

**Networking & Refreshments 11:55-12:10**

**Track 8: Food Processing & Packaging**
**Track 9: Food Preservation & Quality Control**
**Track 12: Food Security & Challenges**

**Session Chair: Debnath Chaudhuri,** All India Institute of Hygiene and Public Health, India

**Session Co-Chair: V K Rao,** Indian Institute of Horticultural Research, India

**Session Introduction**

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| 12:10-12:30 | **Title: Elucidating the effect of amylose on on-line rheology of pearl millet flours during extrusion**<br>**Shalini Gaur Rudra,** Indian Agricultural Research Institute, India |
| 12:30-12:50 | **Title: Milk and milk products- Their contribution in the nutritional and health security**<br>**Bimlesh Mann,** National Dairy Research Institute, India |

**Young Research Forum**

**Session Introduction**

**Session Judge 1: Debnath Chaudhuri,** All India Institute of Hygiene and Public Health, India
**Session Judge 2: Jagdish Singh,** Indian Institute of Pulses Research, India
**Session Judge 3: Rana Pratap Singh,** Babasaheb Bhimrao Ambedkar (Central) University, India

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| 12:50-13:00 | **Title: Sustainable production of L-theanine, a nutraceutical, using microbial gamma-glutamyl transpeptidase**<br>**Shruti Rajput,** University of Delhi, India |
| 13:00-13:10 | **Title: Fresh produce as a vehicle for the transmission of bacterial pathogens to humans**<br>**Preeti Verma,** Central University of Rajasthan, India |
| 13:10-13:20 | **Title: DNA-based diagnostics for genetically modified maize events**<br>**Rajesh K Bhoge,** National Bureau of Plant Genetic Resources, India |
| 13:20-13:30 | **Title: TBA**<br>**Anit Kumar,** NIFTEM, India |

**Panel Discussion**

**Lunch Break 13:30-14:15**

**Award Ceremony**

**Conference Adjournment**

## Bookmark your dates

12th Indo-Global Summit and Expo on

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September 26-28, 2016 Hyderabad, India




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