



MANAGEMENT DEVELOPMENT PROGRAMME

NSURE

FOOD & NUTRITIONAL SECURITY



Remember: 18th May 2018

Venue: Indian Institute of Plantation Management Bangalore



PROGRAMME OVERVIEW

The world is facing an escalating challenge to meet accelerating demand driven by both increasing population and per-capita income growth for sustainable agriculture in the face of multiple constraints – climate change, human population pressure, local and global resource scarcity and ecosystem preservation. Stakeholders should recognize the linkages between poverty, hunger, agriculture, and nutrition and the enormous potential for cross-sector development approaches. Furthermore, our growing analytical understanding of entrenched inequality suggests that key populations, particularly smallholder farmers and women are at the nexus of agriculture, nutrition & health and thus, critical drivers of inclusive growth. Conversely, they are challenged by the structural roots of poverty, hunger and malnutrition and likely to slow the realization of sustainable development if their critical role is unaddressed. The full economic, social and environmental benefits of sustainable agriculture can be best realized if policies are devised and implemented with the full participation of all stakeholders. Sustainable, nutrition-sensitive agriculture and food security policies will help improve the availability and accessibility of nutritious food and promote healthy and sustainable diets and prosperity in rural areas. To meet the consumer expectations and food requirement of the increasing population, food industry needs ideas in the consumer expectations.

The number of chronically undernourished people in the world is estimated to have increased to 815 million (FAO 2017,4). While many Asian countries experienced impressive economic growth in recent years, the countries still struggle with widespread poverty and hunger. Children are the first who suffer, and effects of stunting never can be compensated. Rates of stunting, wasting, and underweight of children below 5 years are still highest in Asian countries. In India, according to UNICEF (2017), 21% of children under five years are wasted (7,5% severe), 38,4% are stunted, and 35,7% are underweight .The situations in other neighbouring Asian countries are also similar.

Scope of the Workshop

The basic premise of this workshop is to transmit the facts and information about the awareness and knowledge on food safety through a series of lectures on food safety rules & regulations, HACCP development and food quality management systems. Further, hands on experience will be provided in nutritional analysis, microbiological testing and quality control analysis using mathematical models in SVCE as well as in the industry for various industrial practices in food safety and quality control. Food safety is the basic right of people and various efforts have been taken to ensure that the goal of safer food for all would be attained. The rapid growth in the food industry has led to increased complexity to achieve a

very high level of safety and effective management in quality. Food quality may vary with its sensory property (appearance, taste), nutritional value (nutrient content), health benefit (functional ingredient) or safety (chemical, physical, biological). Based on the attention towards consumer health the new food safety and standards act transforms the prevention of adulteration to food safety management system. Food safety is the primary concern while processing food and it is the responsibility of the food business operator (FBO) to ensure they provide safe, wholesome food to their consumers as mandated by Food Safety and Standards Authority of India (FSSAI).

Objective

The workshop consists of lecture sessions and hands on training sessions

- Understand the fundamentals and principals of food safety and food security issues.
- Mechanisms by which microbes cause food poisonings.
- Appreciate short and long-term effects of food poisonings.
- Gain an insight into zoonoses. (diseases transmitted from animals to humans; ex—bird flu).
- Understand the concepts and the importance of Hazard Analysis and Critical Control Point.
- To examine how data from the laboratory and field studies and model systems may be extrapolated to understand microbial risk assessment.
- Gain information about a variety of health effects caused by pesticide residues, food adulterants, & mycotoxins, selected chemical hazards (lead and cadmium) on humans.
- Know methods and instruments at various levels for assessing and analysing the food and nutrition security situation and are able to identify violations of the Right to Adequate Food

TARGET AUDIENCE

This 1-day workshop would be of interest to those with training in food science, food technology, food toxicology, agricultural science, animal science, plant science, physiology, biochemistry, veterinary science and other disciplines, who have had little training in food safety and security but now have to deal with these global problems in their employment and / or wish to develop an understanding in food safety and security issues. It would also be of interest to those with training in food safety but require updates in the discipline. The workshop would be particularly useful to those individuals from a range of disciplines working in the food sector, agriculture, public health and occupational health sectors, government agencies and regional/ local governments.

PROGRAM COVERAGE

Session	Topic
I	Food safety & Security
II	Pesticide Residues, Food Adulterants
III	Food Processing and maintaining safe foods for consumers
IV	Strategies for contaminant detection
V	Meat processing and safe foods

DATE, TIMING AND VENUE

18, May 2018, 9 AM to 5.30 PM

Knowledge Resource Centre, Indian Institute of Plantation Management Jnana Bharathi Campus, P.O. Malathalli, Bengaluru-560 056.



PROGRAMME FEE AND REGISTRATION PROCESS

Rs: 2700 per participant (Including 18 % GST)*

* The fee includes a soft copy of the Workshop Material, Certificate, Working Lunch and Refreshment.

Application form can be downloaded from Institute's website at www.iipmb.edu.in and send the programme fee by Demand Draft in favour of "Indian Institute of Plantation Management" payable at "Bengaluru" **OR**

Through e-transfer NEFT: Bank Name: United Bank of India Branch: IIPM Campus Branch, Bengaluru. A/C No.: 1586050000611 IFSC Code: UTBI0IPC856 (Fifth character "0" read as Zero) Swift Code: UTBIINBBECB MICR No.: 560027009.

LAST DATE

Filled in application forms should reach the Institute on or before **15th May (Tuesday), 2018.**

Workshop Coordinator and Resource Person:

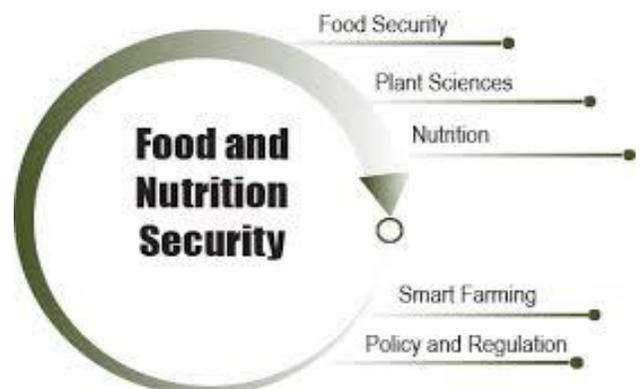
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ABOUT INSTITUTE

Indian Institute of Plantation Management (IIPM), a centre of excellence and the first of its kind National Institute, was established at the initiative of the Ministry of Commerce & Industry, Government of India. The Institute is co-promoted by the Commodity Boards of India, viz., Coffee Board, Rubber Board, Tea Board, Spices Board and Plantation Industry Associations. IIPM has been conceived as a world-renowned academic institution focusing in the field of the plantation and associated agribusiness and commodity management education. IIPM has an educational membership with The Association to Advance Collegiate Schools of business (AACSB-USA) & European Foundation for Management Development (EFMD- Brussels) and obtained permanent accreditation from Higher Learning Accreditation Commission of Texas (HLACT-USA). Website: <http://www.iipmb.edu.in/>



Indian Institute of Plantation Management Bangalore

(An Autonomous Organization of the Ministry of Commerce, Govt. of India)

Registration Form for Management Development Programme(MDP) on **NSure: Food and Nutritional Security**

Program Date: 18th May 2018

Venue: IIPM, Bengaluru

1. Name: _____

2. Qualification: _____

3. Organization Name & Designation (if any): _____

4. Address for Communication: _____

E-Mail: _____ Mobile _____

4. Do you need accommodation (Yes or No): _____

5. Work experience: _____

6. Payment Detail: _____

Candidate's Signature

Filled in Applications Scan copy may be sent to: mdp.iipmb@gmail.com/prifitech@gmail.com

MDP Office

Indian Institute of Plantation
Management Jnana Bharathi Campus,
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Ph: 080 23212647