

ILSI-INDIA

ACTIVITIES IN 2011

D H PAI PANANDIKER, CHAIRMAN

OFFICE BEARERS OF ILSI-INDIA

- **Mr. D H Pai Panandiker, Chariman**
- **Mr. N M Kejriwal, President**
- **Mr. Sunil Adsule, Treasurer**

Executive Director

- **Ms. Rekha Sinha**

MISSION

- **Bring together scientists from academia, industry and government to discuss public health issues in the light of recent scientific developments**
- **Make sense of science for the common man to enable him understand the pre-requisite for healthy and longer life**
- **Interact with government and other agencies to ensure that policies and regulations are science-based.**

BOARD OF TRUSTEES

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- **Dr. B Sesikeran**
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- **Dr. Vilas P Sinkar**

MEMBERS

Abbot Nutrition R & D
Ajinomoto Co., Inc.
BASF India Ltd.
BayerBioScience Pvt. Ltd.
Bikanerwala Foods (P) Ltd.
Britannia Industries Ltd.
Cargill India Pvt. Ltd.
Coca Cola India Inc
DSM Nutritional Products India
Pvt. Ltd.
General Mills India Pvt. Ltd.
Herbalife International Pvt. Ltd.
Hexagon Nutrition Pvt. Ltd.
Hindustan Unilever Ltd.

ITC Food Business
Kejriwal Enterprises
Kellogg India Pvt. Ltd
Lonza India Pvt. Ltd.
MARS Inc.
Monsanto India Ltd.
National Dairy Development
Board
Nestle India Ltd.
Novozymes South Asia Pvt. Ltd.
Pepsico India Holdings (P) Ltd.
Piramal Health Care Ltd.
Roha Dyechem Pvt. Ltd.
Sayaji Sethness Ltd.

ACTIVITIES in 2011

- **Conferences -5**
- **Training Programmes – 1**
- **Research Projects Running – 2**
- **Total number of Participants – 716 (Govt.-129, Academia – 331, Industry – 208, Others – 48)**
- **Total number of Speakers - 73**

1 - Conference on Micronutrient Fortification of Foods: Science, Application & Management

Partners:-

- ✓ Ministry of Food Processing Industries,
Government of India
- ✓ Department of Biotechnology,
Ministry of Science & Technology, Government of India
- ✓ National Institute of Nutrition, Indian Council of Medical
Research

Participation: 160

1 Conference on Micronutrient Fortification of Foods: Science, Application & Management

OBJECTIVES:-

- ✓ **Deliberate on the vehicles / technology and cost for fortification.**
- ✓ **Identify critical issues in fortification program**

1 - Conference on Micronutrient Fortification of Foods: Science, Application & Management

Outcome:-

- ✓ Report of conference was widely distributed.
- ✓ Presentations of conference were uploaded on ILSI-India website.
- ✓ Presentations and conclusions were excellent inputs for 12th five year plan to be launched from April 2012.

2 - Conference on Processed Foods and Beverages: Beyond Basic Nutrition

Partners:-

- ✓ **Ministry of Food Processing Industries, Government of India**
- ✓ **Department of Biotechnology, Ministry of Science & Technology, Government of India**
- ✓ **National Institute of Nutrition, Indian Council of Medical Research**
- ✓ **National Horticulture Board,**
- ✓ **Planning Commission Government of India**
- ✓ **ILSI Europe, ILSI Japan and ILSI SEA Region**

Participation:-131

2 - Conference on Processed Foods and Beverages: Beyond Basic Nutrition

Objectives:-

- ✓ Discuss current status of functional foods in India.
- ✓ Look at science based evidence on impact of functional foods on nutrition status.
- ✓ Discuss latest developments in technologies for functional foods.
- ✓ Look at traditional and non-traditional functional foods.
- ✓ Deliberate on the drivers of functional foods .

2 - Conference on Processed Foods and Beverages: Beyond Basic Nutrition

Outcome:-

- ✓ Important Indian functional foods and nutrients components responsible for functionality were identified.
- ✓ Technology for enhancing functional properties was highlighted.
- ✓ Monograph on functional foods is under preparation and will be widely circulated.

3 - Conference on Food Safety: Science, Evidence and Regulations, Sri Lanka

Partners:-

- ✓ **Ministry of Health, Sri Lanka**
- ✓ **Ministry of Technology and Research, Sri Lanka**
- ✓ **Industrial Technology Institute, Sri Lanka**
- ✓ **Medical Research Institute, Sri Lanka**
- ✓ **Sri Lanka Standards Institute**

Participation:- 180

3 - Conference on Food Safety: Science, Evidence and Regulations, Sri Lanka

Outcome:-

- ✓ Conference was first for its kind in Sri Lanka. Recommendations for conference will be discussed further with policy makers to ensure that policies are science based.
- ✓ Conference presentations have been uploaded on ILSI-India website.
- ✓ Sri Lanka Standards Institution will develop long term relationship with ILSI-India.
- ✓ Training programmes in food safety will be organized in Sri Lanka by ILSI-India.

4 - Conference On Health And Longevity Through Chai: The Wonder Beverage

Partners:-

- ✓ Tea Board, Ministry of Commerce, Government of India
- ✓ National Institute of Nutrition, Indian Council of Medical Research
- ✓ National Tea Research Foundation

Corporate Co-sponsors:-

- ✓ Brooke Bond India Ltd.
- ✓ Synthite Industries Ltd.
- ✓ DSM Nutritional Products India Pvt. Ltd.

Participation:- 140

4 - Conference on Health and Longevity Through Chai: The Wonder Beverage

Objectives:-

- ✓ To discuss the recent scientific evidence on health effects of tea and look at the emerging science on health benefits.
- ✓ To examine the technical and regulatory aspects of value addition to tea to enhance the nutritional and health giving properties.
- ✓ To scientifically assess the different perceptions / myths associated with tea.
- ✓ To chalk out the “way forward” in the areas of research, value addition, public awareness and regulatory support .

4 - Conference on Health and Longevity through Chai: The Wonder Beverage

Major Research Findings:-

- ✓ Black tea antioxidants prevents cigarette smoke induced oxidation of lung proteins and thereby protects against cigarette smoke induced emphysema .
- ✓ Ramakrishna Mission Seva Pratishthan research revealed tea consumption of 450 ml or more (≥ 3 cups)/day was associated with reduction of the incidence of recurrent ischemic stroke.
- ✓ Mission also found significant decrement of diastolic blood pressure, better control of fasting hyperglycemia, and lowering down of the level of LDL in subjects with hypercholesterolemia.

4 - Conference on Health and Longevity through Chai: The Wonder Beverage

Outcome:-

- ✓ Conference presentations were uploaded on ILSI-India website.
- ✓ Monograph is being prepared for wide circulation bringing out health benefits of Tea.
- ✓ Wide publicity will be undertaken to underline the curative value of tea in lung cancer from smoking.

5 - ILSI-India / IFBIC Workshop and Training Program on Detection Methods for Transgenics

Partners:-

- ✓ Department of Biotechnology, Government of India
- ✓ Food Safety and Standards Authority of India
- ✓ Indian Council of Medical Research
- ✓ National Institute of Nutrition
- ✓ CropLife International

Trainees :- 30

Workshop :- 100

5 - ILSI-India / IFBIC Workshop and Training Program on Detection Methods for GM Foods / Crops

Objectives:-

- ✓ To discuss latest developments in GM Foods / Plants
- ✓ Applications and objectives of detection
- ✓ Safety of GMOs
- ✓ Methods of sampling for detection of GM foods and plants.

5 - ILSI-India / IFBIC Workshop and Training Program on Detection Methods for GM Foods / Crops

- ✓ **Lab Manual for detection methods has been printed.**
- ✓ **Some of the trainees will be used as trainers for future programs.**
- ✓ **With the set up Biotech Safety Regulatory Authorities (BSRA) by government, there will be increased need for trained manpower for detection of GM. The training programmes organized by ILSI-India and IFBIC will meet many of these needs.**
- ✓ **E Network of Trainees and Resource Persons has been created for future references.**

Research Project On Fortification Of Mid Day Meal with Lysine

Objectives:-

- ✓ To assess deficiency of lysine in Mid Day Meal for school children.
- ✓ To assess the results of lysine fortification of Mid Day Meal.

Research Projects on Fortification of Milk with Vitamin D

Objectives:-

- ✓ To assess Vitamin D deficiency in school children in age group 8-11 in New Delhi.
- ✓ To assess the results of milk fortification with selected levels of Vitamin D.

PROPOSED ACTIVITIES IN 2012

Workshop on Food Safety: The Move Forward, Colombo, Sri Lanka, First Quarter 2012

Objectives:-

- ✓ To look at the developments in adoption by Sri Lankan Authorities of recommendations of the Food Safety Conference held in Colombo in 2011.
- ✓ Identify the future needs for capacity building.

Conference on Carbohydrates, Dietary Fiber and Health

December 2012, Chennai, India

Objectives:-

- To provide updates on current understandings in dietary fiber, characteristics, physiological role and effects on human health.
- To discuss technologies / methods of preparation of processed foods with low glycemic index.

Climate Change Adaptation in Water Resources, Water Supply and Sanitation

Objectives:-

- ✓ To understand the effect of climate change on environment and rainfall in India and US.
- ✓ To assess the impact in climate change on agriculture and crop pattern.
- ✓ To look at the emergence of new pathogens due to climate change and the need for hygiene and sanitation.

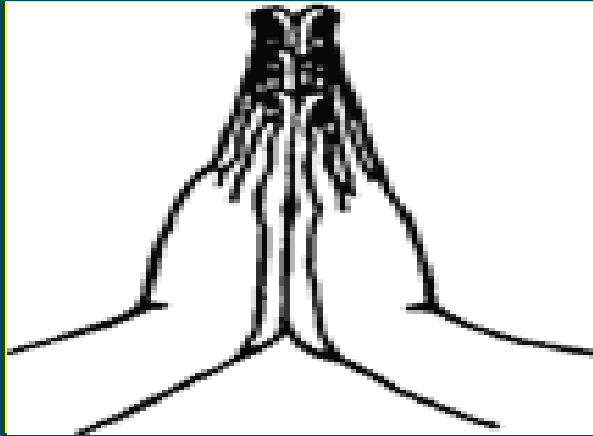
Other Activities

- **Brainstorming Session on Vitamin D**
- **Workshop on Role of Nutrition and Healthy Lifestyle for reducing incidence of NCDs**
- **Workshop on Technologies for reducing Salt Intake**
- **Seminar on Use of Enzymes in Food Industry**
- **ILSI-INDIA ANNUAL MEETING, APRIL 27, 2012, NEW DELHI**



Proposed Publications:-

- Monograph on Tea
- Monograph on Functional foods
- Flier with messages for Healthy Breakfast



Thank You