

## MEETINGS/ WORKSHOPS ON CAMPUS



A five day training programme for the Laboratory Technicians under National Programme for Prevention and Control of Fluorosis was organized from 22- 26 Feb. 2016.



The Institute conducted a seven days training program titled 'Food and feed safety of GM crops for faculties of agriculture universities of Gujarat', organized by Centre for Advanced Research for Pre-clinical Toxicology, Drug Toxicology Division, NIN in association with Gujarat State Biotechnology Mission, Dept. of Science and Technology, Govt. of Gujarat, 22-28<sup>th</sup> Feb. 2016.

## PARTICIPATION OF SCIENTISTS IN MEETINGS/CONFERENCE

### Dr. J. Padmaja

- Presented a lecture entitled “Fixation of MRLs for pesticide residues in processed foods - Modalities” at the International workshop on “Fixation of maximum residue levels for pesticides and veterinary drugs in foods prepared from animals, poultry, fish and processed foods”, organized by FSSAI from 1st to 2nd Feb' 2016 at New Delhi.

### Dr. M. Raghunath

- Participated in the “Global Biotechnology Summit 2016” in connection with the celebration of 30 years of excellence of the Department of Biotechnology, Govt of India, at Vignan Bhavan, New Delhi, Feb 5-6, 2016.
- Delivered a talk on “Double fortification of common salt with iron and iodine NIN-DFS: some facts and figures” in the technical session entitled “Health: Eliminating female and child anemia”, as a part of the 29<sup>th</sup> Foundation Day of TIFAC, Dept. of Science and Technology, Govt. of India at Indian Spinal Injuries Centre, New Delhi, Feb 10, 2016.
- Addressed a talk entitled, “Double Fortification of Common salt with Iron and Iodine the story of NIN-DFS”, in the National Seminar on “Science and technology for indigenous development in India”, organised by the Hyderabad Chapter of the Indian Science Congress Association and RBVRR Womens college at RBVRR Women's College campus, Hyderabad, Feb 22- 24 , 2016.
- Presented a talk on “Technological/ Nutritional perspective related to salt fortification and future trends in salt fortification”, at the Bureau of Indian Standards seminar on “Fortified edible salts”, Manak Bhavan, New Delhi, Feb 26, 2016,
- Presented an oral communication entitled, “Vitamin B12 deficiency in early life leads to anxiety in mice during adulthood” at Ninteenth Workshop of SNEHA and MRC at CCMB, Hyderabad from 26-28 Feb. 2016. The following papers were presented as Posters.

- Anju E Thomus, K. Rajender Rao and M. Raghunath, Inflammation and glucocorticoid stress during gestation underlie the maternal magnesium deficiency induced programming for increased adiposity in the WNIN rat offspring.
- Jitendra Kumar Singh, Shampa Ghosh and Manchala Raghunath, Chronic dietary vitamin B12 restriction per se alters body composition, increases adiposity and impairs gestational outcome in C57BL/6 mouse dams- Probable underlying mechanisms.

#### Dr. K. Madhavan Nair

- Invited as a key resource person for South Asia Regional Consultation on Nutrition, Agriculture and Food systems in the era of sustainable development at India Habitat Centre, New Delhi, organized by Public Health Foundation of India in partnership with the Global Panel on Agriculture and Food systems for Nutrition and Research and Information System for Developing Countries (RIS), 11<sup>th</sup> Feb. 2016.
- Took part in a two day National Conference on “Recent Trends in Adolescent Nutrition and Reproductive Health Care” at Avinashilingam Institute for Home Science and Higher Education for Women, Coimbatore and delivered a lecture on “Strategies to Prevent Micronutrient Deficiencies in Adolescents”, 4<sup>th</sup> Feb. 2016.
- Attended a plenary session cum panel discussion on “Eliminating female and child anaemia” on the occasion of 29<sup>th</sup> TIFAC Foundation Day at Indian Spinal Injuries Centre, New Delhi with association of ICMR and delivered a lecture on “Bioavailability of Nutrients”, 10<sup>th</sup> Feb. 2016.
- Participated in the first meeting on a collaborative project with Scientists of Earth and Climate Science Area and took part as a Programme Director, NICES, NRSC, Hyderabad, 17<sup>th</sup> Feb. 2016.
- Took part on a one day Industrial Interface meeting on “Enhanced utilization of nutri-cereals through increased private sector participation in commercialization of value added food product technologies”, at CoE on Sorghum, Indian Institute of Millets Research (IIMR), Hyderabad, 20<sup>th</sup> Feb. 2016.

#### Dr. A. Laxmaiah

- Attended a meeting on “Research Priority Setting Exercise in Maternal, Newborn, Child Health and Nutrition (MNCHN)” organized by the ICMR & INCLIN India Trust, New Delhi, held on 4<sup>th</sup> Feb. 2016.
- Took part in FSSAI 18<sup>th</sup> meeting of scientific panel for “Biological Hazards”, held on 18<sup>th</sup> Feb. 2016.
- Invited as a Chief Guest and delivered a talk on “Nutrition for beginners and simple ways to encourage healthy eating habits in kindergartners (3-5 years), and school children (6-12 years)” held at Delhi Public School, Nacharam, Hyderabad on 20<sup>th</sup> Feb. 2016.
- Attended the meeting of Ministry of HRD, Elementary Education-MDM, as an Expert Committee member to discuss existing MDM-Nutrition Norms in terms of its sufficiency to the school children and revise the norms and cost per unit, if required, at India Habitat Centre, New Delhi, held during 25-26 Feb. 2016.

#### Dr. G. Bhanuprakash Reddy

- Took part as a Regional coordinator, on behalf of Telangana Academy of Sciences, organized a one-day Faculty Development Program for the Science teachers of Degree & PG Colleges at Mahabub-nagar on Feb. 8, 2016.
- Participated in Science Day Celebrations on “Realising Kalam's dream-role of science teachers” organized by Pillalamarri Science Forum at SVS Medical College on Feb. 20, 2016.
- Invited as an external member to the Departmental Council Meeting of the Department of Biochemistry, Hyderabad University, Hyderabad on Feb. 27, 2016.



### Mr. M. Maheshwar

- Attended the DST sponsored training program on "Role of scientists in natural resources & environment management" held at Indian Institute of Forest Management (IIFM), Bhopal, Madhya Pradesh, under Ministry of environment, forest & climate change, and Government of India held from 8-12 Feb. 2016.

### Dr. G.M. SubbaRao

- Invited as an expert member to train the project staff in conducting focus group discussions under the "System of Promoting Appropriate National Dynamism for Agriculture and Nutrition (SPANDAN)" project by Indira Gandhi Institute of Development Research. The training was held in Patna between 8<sup>th</sup> and 10<sup>th</sup> Feb. 2015.

### Dr. Devaraj, Mr. V. Sudarshan Reddy (SRF) & Mr. K. Narendra Babu (SRF)

- Attended the nineteenth ADNAT Convention - International Symposium on "Microbiome in Health and Disease, MICROHD-2016", held at Bangalore from 23-25 Feb. 2016.
- Mr. K.Narendra Babu, SRF has presented a poster entitled "Effect of medicinal plant extract (*Ocimum sanctum*) and functional food extracts (*Zingiber officinale*, *Piper nigrum*) on gut beneficial bacteria", at the above symposium.

### STAFF NEWS

We bid farewell to the following staff members on their attaining the age of superannuation.

**B.Narahari, TO-A**



**S. Prabhakar, TO-A**



We congratulate the following staff members.

- **Mr. Meram Chalamaiah**, SRF-ICMR has been awarded Ph.D Degree for the work titled "Fish egg protein hydrolysates (peptides) as nutraceutical/ health food in promotion of immunomodulatory activities" at Faculty of Biotechnology, JNTU, Hyderabad on 19<sup>th</sup> Feb, 2016.
- **Dr. Little Flower Augustine** was awarded ICMR centenary post-doctoral fellowship on a project "Database generation on time duration of sun exposure for coetaneous synthesis of vitamin D in India using web based UV simulation tool and its validation among young adult women in Hyderabad".

### EXTENSION ACTIVITIES

#### Dr. T. Vijaya Pushpam

- As per the request of the NGO, named Word and Deed India, Hayat Nagar, Hyderabad an extension program for the ICDS as well as ASHA staff members was conducted, where in a nutrition information lecture was delivered and also source material (folders) were distributed on Feb. 4<sup>th</sup> 2016.

#### Mr. M. Maheswar

- Delivered a lecture on "Diet and health management" to the staff of Andhra Bank at APEX College of Excellence, Financial District, Gachibowli, Hyderabad on Feb. 21, 2016



## Dr. G.M. SubbaRao

- Nutrition Awareness program was conducted for the benefit of the employees and their families at Reserve Bank of India staff quarters in Ameerpet, Hyderabad on 25<sup>th</sup> Feb. 2016. More than 250 residents of all age groups took part in the program.



## PAPERS ACCEPTED FOR PUBLICATION

1. Singh, P., Rao, R.N., Reddy, J.R.C, Prasad, R.B.N, Kotturu, S.K., Ghosh, S., and Mukhopadhyay, S. (2016) PE11, a PE/PPE family protein of Mycobacterium tuberculosis is involved in cell wall remodeling and virulence. Scientific Reports 000:000 (In press).
2. G. Raghu, S Jakhota, PA Kuamr, GB Reddy. Ellagic acid inhibits non-enzymatic glycation and prevents proteinuria in diabetic rats. Food & Function, 2016 Feb 23 [Epub] PMID:26902315.
3. R Yaseen, H Pushpalatha, GB Reddy, A Ismael, AAhmed, A Dheyaa, S Ovais, P Rathore, M Samim, M Akthar, KC Sharma, S Shafi, S Singh, K Javed. Design and synthesis of pyridazinone substituted benzenesulfonylurea derivatives as antihyperglycaemic agents and inhibitors of aldose reductase-an enzyme embroiled in diabetic complications. J Enzyme Inhib Med Chem 2016 Feb 16:1-13. [Epub ahead of print] PMID: 26879420.