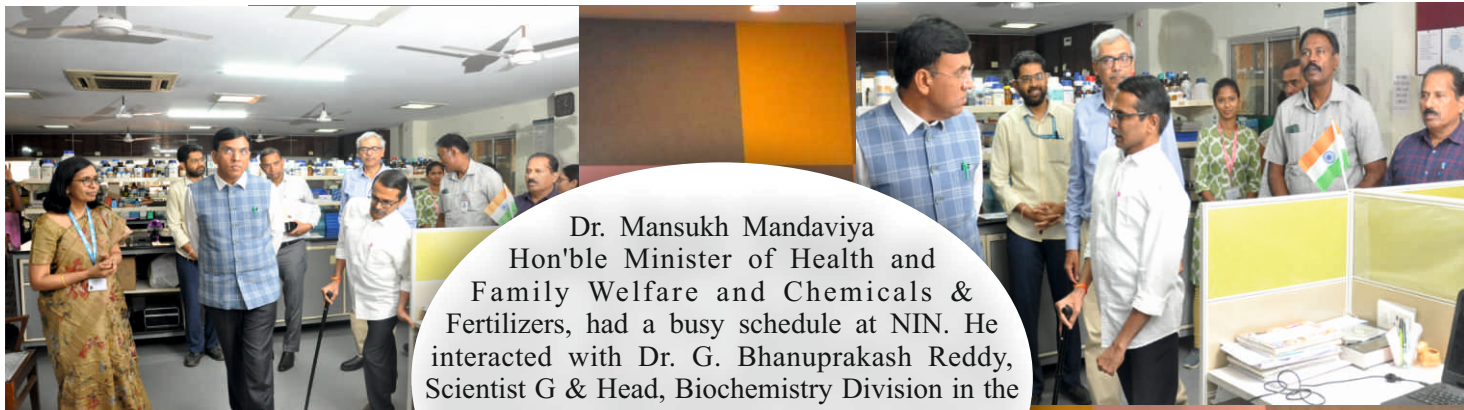


### VISIT OF HON'BLE MINISTER



Hon'ble Minister of Health and Family Welfare and Chemicals & Fertilisers, Govt of India, **Dr. Mansukh Mandaviya ji** visited NIN on 17th December and interacted with Dr. Hemalatha R, Director, scientists and students. **Dr. Rajiv Bahl**, Secretary to Govt of India, Department of Health Research & Director General, Indian Council of Medical Research accompanied the Minister. The Hon'ble Minister launched the Diet & Biomarkers Survey of India (DABS-I) and visited NIN library.





Dr. Mansukh Mandaviya Hon'ble Minister of Health and Family Welfare and Chemicals & Fertilizers, had a busy schedule at NIN. He interacted with Dr. G. Bhanuprakash Reddy, Scientist G & Head, Biochemistry Division in the Department of Biochemistry and seen keenly at the IFCT book. Director Dr. Hemalatha, Dr. R. Ananthan, Dr. J. Sreenivasa Rao and other scientists were also seen in different pictures.



Dr. Rajiv Bahl, Secretary, DHR & Director General-ICMR, seen interacting with scientists of NIN and suggested to find out new products for development and improvement of malnutrition in India.



Dr. Mansukh Mandaviya Hon'ble Minister of Health and Family Welfare and Chemicals & Fertilizers planted sapling in the campus of NIN as a mark of his visit to the Institute.



## JOURNAL CLUB



**Mr. Arun Pandian** (SRF, PhD Scholar) spoke on "Association between pesticide residue concentration in tissues and with the lymphoma, leukaemia and breast cancers" on 12th December.

## Young Mind Idea (YMI) Talk

**Ms. Tejaswini JS** M.Sc. (Sports Nutrition) delivered a talk on "Cafeteria culture - its impact on eating habits of youths in India." 16th December.



**Ms. Kavanashri NM**, UGC-SRF, Department of Work Physiology & Sports Nutrition delivered a PhD plan & progress presentation on "Genetic polymorphisms related to metabolic phenotypes and their association with energy requirements and nutritional status of sub-elite Indian athletes" on 30th December.

**Ms. Puneeta Singh Yaduvanshi**, CSIR-UGC SRF, Drug Safety Division presented a PhD plan & progress on "Effect of zinc on the iron metabolism of hepatocytes" on 30th December.



## MEETINGS/CONFERENCES HELD AT NIN



Lighting the Lamp by Dr. Hemalatha R, Director



Dignitaries on the Dias



Review talk by Dr. V. Prakash



Keynote address by Dr. V. Mohan

54<sup>th</sup> Annual Conference of Nutrition Society of India (NSI) held from 22-23 December with 1200+ delegates, 200+ volunteers, 2 symposia, debate, 3 orations, 2 young scientist sessions, 360+ posters & 50+ paper presentations.

34<sup>th</sup> Dr. S.G. Srikantia Memorial Lecture Award delivered by Dr. Hemalatha R, Director, ICMR-NIN on "Is India eating right?" &

46<sup>th</sup> Dr. Gopalan Oration Award lecture delivered by Prof. Caroline Fall, Emeritus Professor of International Paediatric Epidemiology, MRC Lifecourse Epidemiology Centre, University of Southampton, Southampton General Hospital, UK on 'Mothers, babies and health in later life'



Presidential address by Dr. Hemalatha R



Secretary Report by Dr. A. Laxmaiah



Release of Souvenir Book



Inauguration of Stalls & Poster Session



Dr. Hemalatha R Receiving the 34<sup>th</sup> Dr. S.G. Srikantia Memorial Oration Award



Prof. Caroline Fall receiving 46<sup>th</sup> Gopalan Oration Award



A volume of audience

# Congratulations



## Dr. Hemalatha R

Director

on receiving the

### Dr. Srikantia Memorial

Oration Award at 54<sup>th</sup> Annual Meet of NSI.

## Dr. A. Laxmaiah

Scientist G & Head, Public Health Nutrition on being elected as a Fellow of the National Academy of Sciences India (NASI) -2022.

## Dr. G. Bhanuprakash Reddy,

Scientist G & Head Biochemistry Division on being elected for the Fellow of International Union of Nutritional Sciences (IUNS).

## Ph.D Awarded

**Mr. Venkatakrishnaprasad SM** awarded PhD by Department of Biochemistry, Osmania University for his thesis entitled "Biochemical and molecular studies on role of diet in the induction of obesity: Rat as a model system", under the guidance of Dr. K. Rajender Rao, Scientist-E.

**Mr. P. Madhusudhana Chary** awarded PhD by Dept. of Zoology, OU, Hyderabad for his thesis entitled "Ultrastructural and biochemical investigations of liver, kidney and intestines of Wistar/NIN Rat (*Rattus norvegicus*) fed on Rice (*Oryza sativa* L.) inoculated with fungus (*Aspergillus spp.*) - A Comparative Electron Microscope Study" under the guidance of Dr.D.Raghunatha Rao, Scientist 'F' Retd.

**Ms. Talari Aruna** awarded PhD by Department of Nutrition, Osmania University for her thesis entitled "Nutritional quality, prebiotic potential and health benefits of raffinose family oligosaccharides of pigeon pea (*Cajanus cajan*, L)" under the guidance of Dr. Devindra S, Scientist D.

National Institute of Nutrition Scientists, Technical Officers and Research Scholars received awards for best paper presentations on the occasion of 54<sup>th</sup> Annual Conference of Nutrition Society of India.



## ACADEMIC EVENT

Extension and Training Division, MYAS-NIN had conducted a two day dissertation presentation program for MSc Applied Nutrition and MSc Sports Nutrition students on 12<sup>th</sup>-13<sup>th</sup> Dec. Dr. Srigriri Kotamraju, Senior Principal Scientist, Department of Applied Biology, CSIR-IICT, Hyderabad, was the external evaluator for MSc Applied Nutrition and Dr. Vivekanand, MBBS, DSM, PhD Sports Medicine specialist, SMC, Artillery Centre, Hyderabad was the external evaluator for MSc Sports nutrition. Around 20 students from MSc Applied Nutrition and 15 from MSc Sports Nutrition have presented their dissertation works under the guidance & supervision of NIN scientists. Dr. C. Suresh, HoD, Cell Biology & Convenor, Curriculum Committee & Dr. M. Maheshwar, HoD, ET Division moderated the sessions.



## WEBINARS/ MEETINGS ORGANIZED/ PARTICIPATED

### Dr. HEMALATHA R, Director

- As a member, attended the First meeting of the Expert Group to examine issues relating to the Indian Statistical Systems and creating a cohesive strategy for leveraging data for governance on 1<sup>st</sup> December.
- As member of 'Inter-Ministerial Committee to review of blending in edible oils in general and Sunflower oil in particular' attended the 3rd meeting, organized by Ministry of Health & Family Welfare, Department of Health & Family Welfare, New Delhi on 2<sup>nd</sup> December.
- Attended SAPLING Regional Panel Discussion and Planning Meeting, organized by Health, Nutrition and Population Programme, BRAC, Bangladesh on 2<sup>nd</sup> December.
- Entered into MoU with PSG Institute of Medical Sciences and Research, Coimbatore for joint research collaboration on 7<sup>th</sup> December.
- Attended meeting of “Centre for Nutrition Research and Training” to review the work done by the Centre and the future course of action, organized by Nutrition Unit, ICMR Headquarters on 8<sup>th</sup> December.
- Attended Expert Group Meeting on “Chemicals in Menstrual Products and Human Safety”, organized by ICMR, New Delhi on 12<sup>th</sup> December.
- Delivered welcome address at the Let's Fix our Food - ICMR-NIN 5<sup>th</sup> E-Dialogues Series on 'Taxing HFSS foods to discourage consumption', organized by ICMR-NIN on 16<sup>th</sup> December.
- Delivered Presidential Address at the Nutrition Society of India on 22<sup>nd</sup> December.
- Delivered Oration lecture at the Nutrition Society of India on 22<sup>nd</sup> December.
- Panelist at the Lecture Series on “Leveraging Millets for Food, Nutrition, Health and Economic Security”, organized by NITI Aayog, New Delhi on 30<sup>th</sup> December.

### Dr. A. LAXMAIAH

- Attended 22nd IUNS-International Congress of Nutrition from 6-11 December 2022 at Tokyo International Forum, Japan and Presented Scientific Paper on “Prevalence and determinants of Hypertension and Diabetes among different Indian population groups: Findings of the National Nutrition Monitoring Bureau surveys” on 9<sup>th</sup> December.

- Attended Virtual workshop to share the background, objectives, and the (still evolving) plan for the Local Agri-food Systems Assessments followed by interactive discussion with stakeholders organized by Transforming Agrifood systems in South Asia (TAFSSA) on 19<sup>th</sup> December.

### **Dr. I. I. MESHRAM**

- Lead the JRM team to carry out PM POSHAN evaluation in Tamil Nadu during 21-29<sup>th</sup> Nov 2022.

### **Dr. SUBBARAO M GAVARAVARAPU**

- Invited as a Guest Faculty to conduct Workshop on “Nutrition Communication & Behaviour Change” and “Understanding Food Labels” by the Department of Food Science and Nutrition, Assam Agricultural University, Jorhat in the Indian Council of Agriculture Research (ICAR)- sponsored winter school on “Health foods for sustainable living” 5<sup>th</sup> - 6<sup>th</sup> December.
- Invited as a committee member to draft guidelines on Awards of the Federation of Asian Nutrition Societies (FANS) Indonesia, 7<sup>th</sup> December.
- Invited as a Guest Faculty to deliver two talks on 'Media & community engagement for One Health' as part of the 'Online Certificate Course on 'One Health' being organised by ICMR- Regional Medical Research Centre (ICMR-RMRC) in collaboration with NPTEL-SWAYAM platform on 8<sup>th</sup> December.
- Participated in the live phone-in programme on Doordarshan Yadagiri (Telugu) on “Food Labelling and Choosing Healthy Foods' on 8<sup>th</sup> December.
- Chaired the 4<sup>th</sup> Virtual Meeting of the FAD15/Panel 4 on Review on Code of Indian standards on Code of Practice for Labelling of Pre-packaged Foods and Food Advertising” of the Bureau of Indian Standards as the convenor of the committee held on 12<sup>th</sup> December.
- Conducted the 5<sup>th</sup> E-dailogue on “Taxing HFSS Foods To Discourage Consumption" on December 16<sup>th</sup> December.
- Invited to participate in the virtual Workshop on Consultation to Support the Design of Local Agri-Food System Assessments organised by CGIAR - Transforming Agrifood Systems in South Asia (TAFSSA) on 19<sup>th</sup> December.
- Conducted a pre-conference workshop on “Food Labelling and Healthy Food Choices” as part of the 54<sup>th</sup> National Conference of Nutrition Society of India in NIN, Hyderabad on 21<sup>st</sup> December.
- Attended the meeting of the core team on Review of Behavior Change interventions in prompting healthy food consumption organised by International Food Policy Research Institute (IFPRI) on 21<sup>st</sup> December.
- Invited to deliver a talk on the “Lets Fix Our Food Initiative – Advancing India's Young People's rights for healthy foods” in the Symposium on Nutrition – A Common Factor in Prevention and Cure as part of the 54<sup>th</sup> Annual Conference of Nutrition Society of India (NSI), held at NIN on 22-23<sup>rd</sup> December.
- Workshop of the Share Values team on Next Steps on Analysis of India Data under the Action Against Stunting Hub Project on 30<sup>th</sup> December.
- In a live phone-in interactive programme on DD Yadagiri on Thursday, Dr. GM. SubbaRao, Scientist F spoke on 'Using Food Label information for Healthy Food Choices' & Answered audience queries on 10<sup>th</sup> December.



### **Dr. M. MAHESHWAR**

- Attended the review meeting of NCSSR , conducted by Smt. Sujatha Chaturvedi, IAS, Secretary, Department of Sports and Youth Affairs, Government of India at New Delhi on 15<sup>th</sup> December.

### **Dr. SHOBI VELERI**

- Delivered an invited keynote lecture on “Nutrition in critical period of brain development and cognitive functions” at International Conference “Emerging issues and challenges in global mental health and public health” Organized by National Association of Mental Health and Allied Health Foundation held from 28<sup>th</sup> to 30<sup>th</sup> November, at Capital Institute of Management and Science, Bhubaneswar.

### **Ms. MADHURI, PhD student**

- Presented a poster entitled "Down regulation of ETC associated proteins leads to mitochondrial dysfunction and oxidative stress due to Pb-A $\beta$  peptide induced toxicity in human brain cells". EMBO Workshop-Molecular and physiological basis of behavioral/ cognitive defects in Neuro-developmental disorders, organized by JNCASR, Bengaluru held from 31<sup>st</sup> Oct - 3<sup>rd</sup> November.
- Presented a poster entitled "Pb and  $\beta$ -amyloid peptide induced toxicity leads to changes in the mitochondrial dynamics and biogenesis in human neuronal cells: Underlying contributing mechanisms in the neurodegeneration process". EMBO Neural development and Neurodegeneration, Taipei, Taiwan held from 2<sup>nd</sup> - 6<sup>th</sup> December.

- Coordinated by **Dr. SYLVIA F. RAO** (Extension & Training Division), a team of NIN scientists **Dr. RAJA SRISWAN** (Clinical Division), **Dr. RAGHAVENDRA P** (Public Health Nutrition), **Dr. DHARANI PRATYUSHA** (Clinical Division), **Dr. SHANKAR** (Extension & Training Division) gave seminars in a workshop on "Food and Nutrition Security" conducted by APHRDI in association with DoPT, GoI at Guntur, Andhra Pradesh on 29-30<sup>th</sup> December. This workshop was attended by a group of 30 members comprising government school teachers, ICDS supervisors and hostel wardens.



## PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- Gopalakrishnan S, Dhaware M, Sudharma AA, Mullanpudi SV, Siginam SR, Gogulothu R, Mir IA, Ismail A. Chemopreventive effect of cinnamon and its bioactive compounds in a rat model of premalignant prostate carcinogenesis. *Cancer Prev Res (Phila)*. 2022 Dec 15;CAPR-22-0327. doi: 10.1158/1940-6207.CAPR-22-0327.
- M. Mahesh, Jayakrishnan B, Jaidev Sudagani, S. Sridhar Mylapore, BB Bharti, Vinay Kumar Dhandhania, Soibam Pahl Meitei, Srinivas Kulkarni, Arindam Chatterjee, Apurba Mukherjee, Avula Laxmaiah, Ajay Kumar Singh, Vikas Bhutani, Prabhat Goel, Sandeep Gupta, Puneet Saxena, Vikas Oswal, Ramesh Dargad, Madhukar Rao, Suhas Gopal Erande, Parag Shah, Nikhil Bangale. Review Article "Demystifying the Micronutrient Deficiency Burden in India". *IP Journal of Nutrition, Metabolism and Health Science*, 2022;5(3):91-99.
- Meshram Indrapal Ishwarji, Balakrishna N, Bhaskar V, Rachkulla Hari Kumar, Avula Laxmaiah Socio-demographic factors, overweight/obesity and nutrients associated with hypertension among rural adults ( $\geq 18$  years): Findings from National Nutrition Monitoring Bureau survey. *Ind Heart J* 2022;74;56-62, ISSN 0019-4832, <https://doi.org/10.1016/j.ihj.2022.08.006>.

## Book Chapter

- SubbaRao M Gavaravarapu (2022). Academic Organizations: HEC – IAMCR. In *The International Encyclopedia of Health Communication* (eds E. Ho, C. Bylund and J. van Weert). Wiley Blackwell Encyclopedias (<https://doi.org/10.1002/9781119678816.Iehc0941>).

## TRAINING PROGRAM

A skill development program on Laboratory Animal Supervisor Training Course (LASTC) was conducted at ICMR-NIN Animal Facility from 10<sup>th</sup> October to 9<sup>th</sup> December.



## STAFF NEWS

### Retirement



We bid farewell to **Dr. A. Laxmaiah** Scientist G & Head, Division of Public Health on the eve of his retirement on attaining superannuation.