

### CONGRATULATIONS

Congratulations to **Dr. Bharati Kulkarni**, Scientist F & Head, Clinical Division for winning the **First Dr. PG. Tulpule Oration Award** for the year 2020-21.



Congratulations to **Dr. Paras Sharma**, Scientist C, Food Chemistry Division for winning the **First Smt. Malati Tulpule Award** for the year 2020-21.



### WEBINARS/ MEETINGS ORGANIZED/ PARTICIPATED

**The Scientific Advisory Committee (SAC)** meeting of ICMR-NIN was held on 30th Nov 2021. Scientists presented their plan of work to the SAC members under the guidance of Director Dr. Hemalatha R.



### NFHS-6 National Family Health Survey meeting held at NIN on 22<sup>nd</sup> Oct





**Pledge by staff of all divisions on vigilance day (26<sup>th</sup> Oct)**



ET Division conducted a program on the occasion of Global Iodine Deficiency Prevention Day on 21<sup>st</sup> Oct. Dr. A. Saibaba, Professor (Retd.) of Health Communication, Indian Institute of Health & Family Welfare, Govt. of Telangana delivered a lecture on Global trends in Iodine prevention.



Orientation program held on Laboratory Animal Experimentation and Welfare for PhD Research Scholars and Ad-hoc Training Program on Laboratory Animal Experimentation and Welfare (16<sup>th</sup>-18<sup>th</sup> Nov). Dr. SSYH Qadri, Scientist F & HoD, NIN Animal Facility presided the meeting.



**Rashtriya Ekta Diwas/  
Unity day pledge administered  
by the staff (29<sup>th</sup> Oct)**

- ICMR-NIN, FOGSI and UNICEF India jointly organized the 10<sup>th</sup> E-Dialogue in the monthly Maternal Nutrition Technical E-Dialogue series. The theme was "Maternal Nutrition and Health during COVID-19 Pandemic" and for the 11<sup>th</sup> Maternal Nutrition Technical E-Dialogue on Maternal Iodine Deficiency-An Unfinished Agenda. The speakers and panelists for 10<sup>th</sup> series were Dr. Vishnu Vardhan Rao, Dr. Jagmeet Madan, Dr. Jaideep Malhotra, Dr. Dinesh Baswal, Mr. Vineet Bhandari, and Dr. Divya Nair & Dr. Hema Divakar (29<sup>th</sup> Oct). The speakers and panelists for 11<sup>th</sup> series were Dr. Hema Divakar, Dr. Ranjan Kumar P, Padma Shree, Dr. Chandrakant S. Pandav, Dr. Sheila C. Vir, Dr. R.K. Marwaha, Dr. Ranjan Jha, Dr. Kapil Yadav & Dr. Sujeet Ranjan. Both the events were led by Dr. Bharati Kulkarni, Scientist F & Head, Clinical Division, NIN (26<sup>th</sup> Nov).

**MATERNAL NUTRITION E-DIALOGUE SERIES**  
Strengthening maternal nutrition assessment and services in antenatal care in India

**E-Dialogue 10 : Maternal nutrition and health during COVID-19 Pandemic**  
October 29, 2021 4:00 – 6:00 PM IST

 Dr. Bharati Kulkarni	 Dr. Hema Divakar	 Dr. Vivek Virendra Singh
 Dr. Swetha Iotapally	 Dr. Vishnu Vardhan Rao	 Dr. Dinesh Baswal
 Dr. Divya Nair	 Dr. Jagmeet Madan	 Dr. Jaideep Malhotra

Convenors: ICMR NIN, UNICEF, CHRDI, alive@three, IITM NUTRITION  
Partners: UNICEF, CHRDI, alive@three, IITM NUTRITION

**MATERNAL NUTRITION E-DIALOGUE SERIES**  
Strengthening maternal nutrition assessment and services in antenatal care in India

**E-Dialogue 11 : Maternal Iodine Deficiency – An Unfinished Agenda**  
November 26, 2021 4:00 – 6:00 PM IST

 Dr. Bharati Kulkarni	 Dr. Hema Divakar	 Dr. Ranjan Kumar P
 Padma Shree Dr. Chandrakant S. Pandav	 Dr. Sheila C. Vir	 Dr. R.K. Marwaha
 Dr. Ranjan Jha	 Dr. Kapil Yadav	 Dr. Sujeet Ranjan (to be confirmed)

Convenors: ICMR NIN, UNICEF, CHRDI, alive@three, IITM NUTRITION  
Partners: UNICEF, CHRDI, alive@three, IITM NUTRITION

- Indian Information Service Trainee Officers attached to Press Information Bureau (PIB), Government of India, Hyderabad visited the Institute and interacted with Dr. Hemalatha R, Director and some senior scientists to understand NIN's role in research, policy and regulation and role of communication in promoting nutrition (26<sup>th</sup> Oct).



- A meeting of the Academic Council of NIN with PhD students was held on 25<sup>th</sup> Oct.



Extension & Training Division conducted the Admission counseling for the new batch (2021-23) of MSc (Applied Nutrition) & (Sports Nutrition) on 23<sup>rd</sup> Nov. Two observers from Osmania University, Prof. A. Patrick and Prof. Gangadhar inspected the counseling session. Dr. C. Suresh, Scientist F & HoD, Member (Academic), Dr. M. Maheshwar, Scientist E & HoD, ET Division and Dr. Sylvia F. Rao, Scientist D supervised the counseling process.



### Shared values workshop with ICDS CDPO's (10<sup>th</sup> Nov)



All the permanent staff of NIN participated in E-Office Training on 18-11-2021 which is part of e-Governance implementation at the Institute, conducted by Dr. Manjeet Singh Chalga, Scientist-C & In-charge e-Governance, ICMR, New Delhi.



### An orientation program held on “Statistical approaches in assessing dietary inadequacy of nutrients” at NIN (11<sup>th</sup> Nov)



- Dr. Saxena, Advisor and Dr. Sivaprasad, Asst. Director, Climate Change project, NCDC, CGHS, New Delhi visited ICMR-NIN-Hyderabad and attended the meeting to discuss the progress of the project work. Dr. Hemalatha R, Director along with Dr. A. Laxmaiah, Convenor of the project and other staff/scientists also attended this meeting.

### Dr. Hemalatha R, Director

- Meeting with Dr.Purnima Menon, Senior Research Fellow, International Food Policy Research Institute (IFPR), New Delhi (1<sup>st</sup> Oct).
- Participated in the special campaign 'Banega Swasth India' on the theme 'India's Health, Nutrition and Hygiene Story Post covid-19', organized by NDTV (3<sup>rd</sup> Oct).
- Meeting with CEO, Star Proteins to discuss joint research project "Meat and immunity in Indian population" (4<sup>th</sup> Oct).
- Attended the first meeting of 'Policy Implemen-tation' working group under SSC-NTBN, organized by DBT (7<sup>th</sup> Oct).
- Attended as Guest of Honour and delivered keynote address at the World Food Day 2021 celebrations organized by Association of Food Scientists & Technologists (16<sup>th</sup> Oct).
- Chaired a meeting on 'Task Force on Nutrition and Health Benefits of Millets for International Year of Millets – 2023' organized by Ministry and Dept. of Agriculture and Farmers Welfare, New Delhi (18<sup>th</sup> Oct).
- Attended a meeting on 'South Asian Policy leadership for Improved Nutrition & Growth (SAPLING) workshop on Landscaping and Programmatic Assessment', organized by IPE Global Limited and Bill & Melinda Gates Foundation (BMGF) (21<sup>st</sup> Oct).
- Attended as Expert Member, the 5<sup>th</sup> meeting of SSC-NTBN, organized by DBT, New Delhi (28<sup>th</sup> Oct).
- Participated COP26 Hybrid Event – Lessons from India on Scaling up Natural Farming, organized by the University of Edinburgh (1<sup>st</sup> Nov).
- Presentation on 'Flaws in Global Hunger Index and its methodology' at the Roundtable Discussion on Flaws in Global Hunger Index, organized by National Academy of Agricultural Sciences, New Delhi (8<sup>th</sup> Nov).
- Attended meeting of Global Hunger Index Report 2021, organized by ICMR and NITI Aayog, New Delhi (12<sup>th</sup> Nov).
- Attended as Expert Member, the 1st Meeting of the Steering Committee on "Public Health and Nutrition", organized by DBT, New Delhi (18<sup>th</sup> Nov).



Dr. Hemalatha R, Director seen sharing the screen along with Superstar Amitabh Bachchan during a program on 'Banega Swasth India' telecast by popular television channel NDTV (3<sup>rd</sup> Oct).

### Dr. Bharati Kulkarni

- Participated as a guest faculty and panellist in a webinar organized by Program in International Nutrition, Division of Nutritional Sciences, Cornell University, USA on 21<sup>st</sup> Oct. Presented on the topic "Iron nutrition and anemia in India: insights from the national nutrition surveys".

### Dr. M. Maheshwar

- A live phone-in programme in Telugu on career guidance telecast on Doordarshan Yadagiri detailing about the courses offered by the Institute and opportunities in food and nutrition (24<sup>th</sup> Nov).



### Dr. GM SubbaRao

- Invited as a member on the Expert Panel to 'Review the Indian Standards on Code of Practice for Labelling of Packaged Foods and Advertising' as part of the Food Hygiene, Safety Management and Other Systems Sectional Committee (FAD14/Panel 4) of Bureau of Indian Standards (BIS), New Delhi.
- Attended the 46<sup>th</sup> Session of the Codex Committee on "Food Labelling on Report adoption" as member of the Indian Delegation virtually (8<sup>th</sup> Oct).
- Invited as a resource person for Online Training Programme on Nutritional Governance through National Rural Livelihood mission (NRLM) (4<sup>th</sup>-8<sup>th</sup> Oct) conducted for the State / District Level Officials working in NRLM/ State Rural Livelihood mission (SRLM) by National Institute of Rural Development and Panchayat Raj (NIRD & PR) and Delivered a talk on "Rural Nutrition and Health -Current Challenges & Programmes" (4<sup>th</sup> Oct).
- Invited as a judge to assess the "Content Creation Contest" organized by Nutrition Society of India (NSI) Mumbai Chapter conducted during National Nutrition Month 2021 (virtually) (28<sup>th</sup> Oct).
- Invited to speak on "Open Science – the dilemmas of a researcher" in the ICMR-Elsevier Publishing Series webinar on Open Science: A multi-faceted framework to improve science and health outcome (29<sup>th</sup> Oct).
- Invited as a keynote speaker and resource person in the virtual faculty induction programme of BK Birla College of Arts, Science and Commerce, Mumbai to speak on 'Nutrition, Balanced Diet and Food Labelling' (12<sup>th</sup> Oct).
- Invited as an observer and NAAS fellow to the Roundtable Discussion on Global Hunger Index (GHI) organised by the National Academy of Agriculture Sciences (NAAS) (8<sup>th</sup> Nov).
- Chaired the ICMR Southern Zone Communications Hub Meeting of Nodal Communications Officers (NCOs) of ICMR institutes in South India (17<sup>th</sup> Nov).

- Invited by Factly Media and Research to the virtual launch of the Health Misinformation Report and panel discussion on 'Media, Medicine and Misinformation: Identifying and combatting Health Misinformation in India.' (18<sup>th</sup> Nov).
- Invited to attend the Round Table on 'LIFE – Lifestyle for Environment' organized by International Life Sciences Institute (ILSI) India (24<sup>th</sup> Nov).

#### Dr. Sreenivas J

- Recent Advances in Food Analysis (RAFA) 2021, virtually organized by the University of Chemistry and Technology, Prague and Wageningen University and Research Centre. Presented a research paper titled Mineral Analysis in indigenous foods using ICP MS after microwave digestion (3<sup>rd</sup> & 4<sup>th</sup> Nov).
- Attended a meeting with DMDO, Vikarabad on conducting a training program with health workers, Anganwaadi Teachers and Asha workers on Food analysis and assessment of nutritional status among adolescent girls and women of reproductive age group-a vulnerable community-Vikarabad district-TS (11<sup>th</sup> Nov).
- Participated in a National Conference on the occasion of Golden Jubilee Celebrations of Bio chemistry department, Andhra University and chaired a scientific session (26<sup>th</sup>-28<sup>th</sup> Nov).

#### Dr. Devindra S

- Delivered a lecture on "Glycemic index and balanced diet" at the Online Training Programme on Nutritional Governance through NRLM organized by Centre for Panchayati Raj, Decentralised Planning and Social Service Delivery, NIRDPR, Hyderabad (4<sup>th</sup> -8<sup>th</sup> Oct).
- Presented Thematic presentation virtually on "Plant based Nutrition Security" at the National consultation on plant based local food systems for health and nutrition organized by National Institute of Rural Development and Panchayati Raj (NIRD&PR) (22<sup>nd</sup> Oct).

#### Dr. Uma Chitra

- Presented a National Webinar on "Preventing pandemics at the source for a pandemic proof planet" organised by Avinashilingam Institute for Home Science and Higher Education for Women and Nutrition Society of India, Coimbatore Chapter (26<sup>th</sup> Nov).

### JOURNAL CLUB



**Mr. S. Udaykanth** (ICMR-JRF), Biochemistry Division, presented a paper titled "Role of Vitamin B12 in Diabetic Neurodegeneration" (8<sup>th</sup> Oct).



**Ms. Anita Singh** (UGC-SRF), Drug Safety Division, presented a paper titled "Evaluation of Therapeutic Potential of unexplored herbals (Cocculus hirsutus and Cuscuta reflexa) as nutra/Ayurceuticals" (8<sup>th</sup> Oct).



**Mr. Venkata Krishna Prasad SM** (ICMR-SRF), NIN- Animal Facility, presented a paper titled "Biochemical and molecular studies on role of diet in the induction of obesity: Rat as a Model System" (22<sup>nd</sup> Oct).



**Mrs. Aruna Talari** (ICMR-SRF), Department of Dietetics, presented a paper titled "Nutritional quality, prebiotic potential and health benefits of raffinose family oligosaccharides of pigeon pea (*Cajanus cajan, L*)" (12<sup>th</sup> Nov).



**Mrs. Rachakatla Anuradha** (ICMR-JRF) NIN- Animal Facility, presented a paper titled Effect of Paternal Calorie Restriction of Diet Induced Obese on Metabolism of Their Offspring (26<sup>th</sup> Nov).

### BATHUKAMMA - WITH NUTRITION MESSAGES

- Bathukamma- a major beautiful flower festival of Telangana was celebrated at NIN by the staff and students. On this special occasion the M.Sc. students dressed in traditional attire danced around the beautiful flower stacks made with seasonal flowers with medicinal values. They danced to the traditional Bathukamma songs modified with important Nutrition messages. The women staff of NIN also participated in the festival with traditional fervor.



## PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- Arjun L. Khandare, Vakdevi Validandi, Ravi Prakash Jamalpur, Srinivas Dheeravath, Srinivasu Kurella, Anitha Chauhan, Naveen Kumar Boiroju, Longvah Thingnganing. Potential Health Risks Associated with the Heavy Metal Content in Commonly Consumed Food from Prakasam District of Andhra Pradesh, India. *Biological Trace Element Research* <https://doi.org/10.1007/s12011-021-02918-5> (I.F. 3.738).
- Balachandar R, Pullakhandam R, Kulkarni B, Sachdev HS. Relative Efficacy of Vitamin D2 and Vitamin D3 in Improving Vitamin D Status: Systematic Review and Meta-Analysis. *Nutrients*. 2021 Sep 23;13(10):3328. doi: 10.3390/nu13103328.
- Banerjee P, Gavaravarapu SM\* and Bhanuprakash Reddy G. Identifying opportunities and barriers for workplace nutrition and health program for employees in India. *WORK: A Journal of Prevention, Assessment & Rehabilitation* (IF – 1.505).
- CU Kumar, SS Reddy, GB Reddy. Alterations in cardiac tissue of a natural obese rat model: Implications for obesity-associated cardiomyopathy. *Proc Natl Acad Sci India-Sec B*, 2021 Oct, 91:000-000
- GB Reddy, R Pullakhandam, T Shalini, B Kulkarni, HS Sachdev, AV Kurpad. Vitamin A supplementation and fortification programs in India: need for review. *NFI Bulletin*. 2021 Oct; 4 (4):1-8
- Hanuma Naik Ramavath, Purna Chandra Mashurabad, Puneeta Singh Yaduvanshi, Shobi Veleri, Paul A Sharp, Raghu Pullakhandam. Zinc induces hephaestin expression via a PI3K-CDK2-CDX2-dependent mechanism to regulate iron transport in intestinal Caco-2 cells, Accepted for publication in *FEBS letters* 2021.
- Mummadi, Mahesh Kumar, Raghavendra Pandurangi, JJ Babu Geddam, Sukesh Narayan Sinha, Ananthan Rajendran, Naveen K. Ramachandrappa, and Pagidoju Sreenu. "Investigation of an acute neurological outbreak in Eluru, India, 2020." *PLoS one* 16, no. 11 (2021): e0259192.
- Nguyen PH, Kachwaha S, Tran LM, Sanghvi T, Ghosh S, Kulkarni B, Beesabathuni K, Menon P, Sethi V. Maternal Diets in India: Gaps, Barriers, and Opportunities. *Nutrients*. 2021 Oct 9;13(10):3534. doi: 10.3390/nu13103534.
- Shobi Veleri. Neurotropism of SARS-CoV-2 and neurological diseases of the central nervous system in COVID-19 patients. *Exp Brain Res*. 2021 Oct 25:1-17. doi: 10.1007/s00221-021-06244-z. PMID: 34694467.
- Srujana Medithi, Yogeswar Dayal Kasa, Rajanna Ajumeera, Babban Jee, Venkaiah Kodali, Padmaja R Jonnalagadda. "Effect of organophosphorus pesticide exposure on the immune cell phenotypes among farm women and their children". *Archives of Environmental & Occupational Health*, November 2021.

### 54<sup>th</sup> NIN-Employees Co-operative Credit Society General Body Meeting (8<sup>th</sup> Oct)



- Dr. Devindra S, Scientist D & Vice-President of the society addressing the 54<sup>th</sup> NIN-Employees Co-operative Credit Society General Body Meeting. Mr. Saibaba, General Secretary of the society is also seen (8<sup>th</sup> Oct).

## STAFF NEWS

### Congratulations

- **Ms. Priyanka** and **Mr. D. Kalyan** (M.Sc. Applied Nutrition, 2020-22 batch) won the second prize at the Inter collegiate quiz contest "Wiz-quiz" conducted by University College for Women, Hyderabad as part of the Diabetes Fete 2021 held on 15<sup>th</sup> Nov.

### Retirement

We bid farewell to the following staff on the eve of their retirement on attaining superannuation.



**Mr. Michael**  
Senior Technician 3



**Mr. P. Shiv Shankar**  
Laboratory Assistant 1



**Mr. N. Ramesh Kumar**  
Laboratory Assistant 1



**Mr. P. Srihari**  
Laboratory Assistant 1