



**icmr**  
INDIAN COUNCIL OF  
MEDICAL RESEARCH  
**NIN**  
NATIONAL INSTITUTE  
OF NUTRITION

# रा.पो.सं. मासिक सूचना-पत्र

## NIN Monthly Newsletter

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### INTERNATIONAL TRAINING PROGRAMME

A one-week International training course on 'Production, management and use of food composition data in nutrition' – FOODCOMP 2024 Organised by South Asian Association for Regional Cooperation (SAARC) FOODS Regional Centre in association with ICMR-NIN held from 19<sup>th</sup> – 24<sup>th</sup> February. 24 participants from 13 countries took part in the training programme. Mr. T. Longvah, Scientist G & Head, Food Chemistry and Nutrient Analysis Division and Dr. R. Ananthan, Scientist E, Food Chemistry and Nutrient Analysis Division organized the training programme.



### NUTRIAIDE-APP LAUNCHED

The NutriAIDE-App (Beta Version), developed as a component of the ongoing Indo-German project “NutriAIDE-Building smart food environments for improved nutrition”, was officially launched by Dr. Hemalatha, Director of ICMR-NIN, in the presence of Prof. Markus Keck from Universität Augsburg, along with other researchers from the Wuppertal Institute for Climate, Environment, and Energy and the German Institute of Human Nutrition. This initiative received funding from the Federal Ministry of Food and Agriculture, Germany. Dr. GM Subbarao, Scientist F & HoD, NICHE division & Principal Investigator (India) explained about the app (15<sup>th</sup> February).



## WORKSHOP ON DABS DATA

A data management workshop was conducted as part of a Diet and Biomarker Study in India (DABS-I) from 21-23, February. This workshop was led by Dr. R. Hemalatha, Director ICMR-NIN, and experts from ICMR Headquarters, Dr. RM. Pandey, ICMR Chair in Statistics. State coordinators and technical staff involved in the DABS-I study's data management attended the workshop. Training was given for identifying outliers and missing variables using the STATA software.



## ORIENTATION TO VISITING DOCTORS

A training program was held for Social and Preventive Medicine (SPM) students from Indira Gandhi Government Medical College, Nagpur and Armed Forces Medical College, Pune, conducted by the Division of Public Health Nutrition, NIN. Dr. N. Arlappa, Scientist - G & Head, Division of Public Health Nutrition, addressed the visiting doctors. Dr. Hemalatha R, Director, NIN delivered welcome address to the participants (6<sup>th</sup> February).



## WORKSHOP ON MILLETS

A multi-stakeholder workshop on the “Impact of Millet Year 23 Campaign on Knowledge and Practice of Millet Consumption”, was held as part of a project funded by the Indian Council of Social Science Research, New Delhi. During the workshop, students and various stakeholder groups engaged in collaborative activities aimed at promoting the utilization of millets within campuses, families, and communities. Dr. P. Udaykumar, Scientist G, HoD, Pathology Division graced the occasion. Dr. GM Subbarao, Scientist F & HoD, NICHE division, Dr.R.Ananthan, Scientist E, Dr. M. Raja Sriswan, Scientist D, Dr. P. Dev Raj, Scientist D & Dr. Bhaskar Reddy, Scientist D conducted the workshop (26<sup>th</sup> February).



## WORKSHOP ON NUTRITION ATLAS 2.0

A national level multi-stakeholder workshop on Nutrition Atlas 2.0 was held at NIN on 24<sup>th</sup> January, funded by the Indian Council of Medical Research. The workshop was organized by Dr. SubbaRao M Gavaravarapu, Scientist-F & Head, NICHE Division. Prof. Anura V. Kurpad, St John's Medical College, Bengaluru & Dr. Vishnuvardhan Rao, Former Director, ICMR, NIMS, New Delhi were guests of honour. Dr. Hemalatha, Director, NIN graced the occasion.



## AcSIR CENTRE AT NIN

Dr. C. Suresh, Scientist F & HoD, Cell Biology Division was nominated as Coordinator of NIN-Academy of Scientific and Innovative Research (AcSIR). On this occasion Dr. C. Suresh interacted with scientists of ET Division and MYAS faculty and also discussed the academic programmes including MSc courses.



## NIN HOSTED MOBILE SCIENCE EXHIBITION: GENE-HEALTH CONNECT

ICMR-National Institute of Nutrition, Hyderabad in collaboration with CSIR-Centre for Cellular and Molecular Biology, Hyderabad under Ministry of Science and Technology, Govt. of India and Visvesvaraya Industrial and Technological Museum, Bangalore under Ministry of Culture, Govt. of India has organized “Gene-Health Connect: A mobile science exhibition: Bringing science from research labs to the public,” at our institute on 14<sup>th</sup> February. Coordinators Dr. Sylvia Fernandez Rao, Scientist E, Extension & Training Division (ETD), Dr. Jharna Puppala, Project Asst. Professor, MYAS-NIN, and Asst. Coordinators Ms. Vibha Shree M, Technical Assistant (TA), Mr. U. Nithin Kumar, TA, Mr. K. Vamsi Krishna, TA & Mr. Atul Lohmor, TA, ETD. Students of M.Sc (Applied Nutrition) & (Sports Nutrition) volunteered the event.

The exhibition aimed to educate young people on genetic diseases, their prevention & management and also to bring out the knowledge of genes and chromosomes through hands-on exhibits which can be easily understood by children. Students from different schools viz. Model High School, Sitaphalmandi, Hyderabad; Johnson's Grammar High School, Nacharam, Hyderabad; College of Food Technology, Parbhani, Maharashtra and students and staff of ICMR-NIN have actively participated in the programme to understand how genes function and look at genetic diseases more objectively.



## PAPERS PUBLISHED/ ACCEPTED FOR PUBLICATION

- Deepika T, Pradhan S, Rakesh Naik, Devindra S. (2024). Estimation of Macronutrients and Resistant Starch Content of Commonly Consumed Plant Foods. Asian Journal of Dairy and Food Research. DR-2037, 1-6.
- Kachwaha S, Kim SS, Das JK, Rasheed S, Gavaravarapu SM, Rana PP, Menon P. Behavior Change Interventions to Address Unhealthy Food Consumption: A Scoping Review. Current Developments in Nutrition, 8(3): Online First (<https://doi.org/10.1016/j.cdnut.2024.102104>).



# Congratulations



**Dr. G. BHANUPRAKASH REDDY**, Scientist-G & Head, has been nominated as the Chairman, INSA-National Committee for the International Union of Nutritional Sciences (IUNS) for the period from 2024-2026.

**Dr. SUBBARAO M GAVARAVARAPU**, Scientist-F & Head, NICHE Division selected for the 4<sup>th</sup> Coluthur Gopalan Endowment Lecture Award on 'Mindful messaging for healthful eating: The crucial intersection of nutrition communication and health promotion in India' organized by Dept. of Food Science and Nutrition, Dr. N. G. P. Arts and Science College, Coimbatore, Tamil Nadu.

## GUEST LECTURES



A special guest lecture on 'Fake, Predatory, Cloned journals & Fraud/ Misleading Impact Factors in Academics-What researchers should know?' was delivered by **Dr. SUMIT NARULA**, Prof & Director, Amity School of Communication, Amity University, Haryana, Gurugram (13<sup>th</sup> February).

**Dr. JHARNA PUPPALA**, Project Asst. Prof., ET Division, has delivered a guest lecture on "Food and Nutrition" to the students from various Govt. Schools of Telangana state, at Young Earth Leaders Programme organized by council for Green Revolution at the Earth Center, R.R. District (24<sup>th</sup> February).



## JOURNAL CLUB

**Ms. SUMI M. S.**, UGC-SRF, Dietetics Division delivered her PhD plan & progress presentation on "Nutritional quality, Prebiotic potential, and Health benefits of Raffinose family oligo-saccharides of greengram (*Vigna radiata* (L.) Wilczek)" (9<sup>th</sup> February).



**Ms. MADHUMANTI DHUA**, CSIR-SRF, Molecular Biology Division delivered her PhD plan & progress presentation on "Amelioration of insulin resistance by TLR2 ligands from Mycobacterium Tuber-culosis" (9<sup>th</sup> February).



**Mr. SAIKANTH VARMA**, ICMR-JRF, Molecular Biology Division delivered his PhD plan & progress presentation on "Maternal exposure of endocrine disrupting chemicals during development: Impact on reproductive and metabolic homeostasis in the offspring" (23<sup>rd</sup> February).



**Mr. LOKESH MURUMULLA**, CSIR-SRF, Cell Biology Division delivered his PhD plan & progress presentation on "Understanding the possible dysregulation of Molecular events associated with the exposure of Lead (Pb) and A $\beta$ -peptides to neuronal/ glial cells: Alleviating effects of bio-active compound" (23<sup>rd</sup> February).



## PARTICIPATION OF SCIENTISTS IN MEETINGS/ CONFERENCES

### Dr. HEMALATHA R, DIRECTOR

- Attended as a Chief Guest at the 17<sup>th</sup> Annual Conference on "Transformations in Clinical Research for Better patient outcomes" of Indian Society for Clinical Research (ISCR), organized by Indian Society for Clinical Research, Hyderabad (2<sup>nd</sup> February).
- Attended a virtual meeting with ICMR to discuss issues like low response rate for blood collection; revisiting sampling strategy to avoid oversampling of subjects and for improving coverage of pregnant women, organized by Nutrition Division, ICMR (6<sup>th</sup> February).

- Attended core committee meeting to review progress of concurrent evaluation of Rice Fortification initiative, organized by The Development Monitoring and Evaluation Office (DMEO), NITI Aayog.
- Signed an MoU between ICMR-NIN and Indian Institute of Technology Hyderabad (IITH) (9<sup>th</sup> February).
- Attended a meeting of Senior Management Team (SMT) with ICMR officials and all Directors of ICMR Institutes, organized by office of DG, ICMR, New Delhi (14<sup>th</sup> February).
- Attended a meeting to review the progress of DABS study by DG, ICMR, organized by ICMR (17<sup>th</sup> February).
- Attended the course closure ceremony of the International Course on the Production and Use of Food composition Data in Nutrition, organized by ICMR-NIN and SAARCFOODS, Hyderabad (23<sup>rd</sup> February).
- Attended a meeting regarding preconception nutrition programme and policy landscape as well as systems perspective on delivering preconception nutrition interventions in India, organized by Population Council Consulting, New Delhi (28<sup>th</sup> February).

### Dr. G. BHANUPRAKASH REDDY

- Participated in the National Science Day-2024 program at the Andhra Mahila Sabha Arts Camp; Science College, Osmania University and delivered a talk on '100 years NIN contribution to the Nation' in connection with the Science Day theme of Indigenous Technologies for Viksit Bharat (28<sup>th</sup> February).
- Participated in the Gene-Health Connect: a Mobile Science Exhibition by Centre for Cellular and Molecular Biology and Visvesvaraya Industrial & Technological Museum which brings Science from Research Labs to Public was at display at our Institute to educate youngsters on genes, genetic diseases, prevention and management.

### Dr. SUBBARAO M GAVARAVARAPU

- Invited as a keynote speaker for the sub theme "Case studies and success stories on food and nutritional security" in the international conference on "Food & Nutritional Security Through Agricultural Ecosystem", organised by National Institute of Agricultural Extension Management (MANAGE), Hyderabad in collaboration with IRRI, CIP, ICRISAT and Harvest Plus on 1<sup>st</sup> February and delivered the keynote address on "Exploring the Imperative of Considering Cross-Cutting Determinants in Food Environments for Achieving Food and Nutrition Security: Insights from Case Studies".
- Invited to attend project intermediate meeting on ICMR funded collaborative project on Menu Labelling at ICMR- National Institute of Epidemiology, Chennai (6<sup>th</sup> February).
- Invited as a panellist on "Diversification of Diet" in the national workshop on "Diversification of Diet: Importance of inclusion of millets in the diet menu of ICDS, mid-day meal scheme and urban canteens: A study of select metro cities of Telangana and Karnataka", organised by Department of Economics, University of Hyderabad and Indian Council of Social Science Research (ICSSR) (16<sup>th</sup> February).
- Invited as a guest speaker by Vellalar College for Women, Erode, Tamil Nadu to speak on 'Demystifying Nutrition for a Sustainable Future - An Imperative' in a conference on "Science for a Sustainable Future" as a part of National Science Day Celebrations (28<sup>th</sup> February).

### Dr. K. RAJENDER RAO

- Invited as a Chief Guest for National Science Day celebrations, organised by Telangana Science Fair Academy, at Madina Education Centre, Hyderabad (28<sup>th</sup> February).

## STAFF NEWS

### RETIREMENT

We bid farewell to **Mr. T. LONGVAH**, Scientist G & Head, Food Chemistry Division on the eve of his retirement on attaining superannuation.

